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ANNUAL CATALOG  
1919  
OF  
VEGETABLE  
FIELD & FLOWER  
SEEDS

DAVID HARDIE SEED CO.

1803 ELM STREET  
WAREHOUSE 1802 LIVE OAK STREET  
DALLAS, TEXAS



# To Our Friends and Patrons

It gives us great pleasure each succeeding spring to have so many of our old customers sending us their regular seed orders, which is sure proof that our efforts to supply the best seed obtainable, are appreciated. We fill all orders promptly and exercise the greatest care to fill them correctly.

Our business has increased every year since we started, and has been built up by strictly honorable methods, avoiding expensive advertisements, or the greater expense of having drummers on the road; this Catalogue is our only representative. Good quality, satisfied customers and the natural sequence of the pleased customers recommending their friends and neighbors to try our seeds, are responsible for this result. We appreciate what our customers do for us, and will do all in our power to continue to deserve their confidence.

Our catalogue is sent out for the purpose of assisting people in making their selections, carefully avoiding all exaggerated descriptions and overdrawn illustrations, we aim to let you know just what to expect at harvest; our claims for merit of the seeds offered by us are most conservative. Of the thousands of novelties introduced not two per cent of them have materialized, or proved of any benefit to the Southern planters. For that reason we are very slow in recommending new varieties before we know they have actual merits. From our long experience in the South (amounting to over thirty years), we are enabled to know what seeds are best suited to our soils and climate, and are in a much better position to give advice than those Northern houses who do not know our conditions.

Good quality has always been our first object, and while this year it has been difficult to get stocks, we have used every endeavor to secure the best seeds obtainable and believe our customers will be satisfied with results.

DAVID HARDIE SEED CO.

## PLEASE READ THIS

**Name and Address**—We earnestly request our correspondents to be particular and give full name, Post Office and State, distinctly written each time they address us; overlooking any of these essential items in an address may be the cause of delay.

**Cash Should Always Accompany the Order**—Money may be sent in the following manner: Post Office Order, Draft on New York, Express Company Money Order, or by Registered Letter. Small amounts may be sent in postage stamps. Do not send silver, as it is often lost in mail.

**Goods C. O. D.**—No goods will be sent by us C. O. D. Cash must accompany all orders.

In comparing our mail prices, especially on heavy seeds, such as peas, beans, and corn, by the quart and pint, and other seeds by the pound and quarter pound, you may bear in mind that we pay the postage.

## TRUCK GROWERS AND MARKET GARDENERS

who buy large quantities of seed, would do well to write us for special prices, giving quantities and varieties of seeds wanted. Our main business is with producers for market, and our chief aim is to handle the highest grade seeds, and those most likely to make money for the growers.

### NON-WARRANTY CLAUSE.

The David Hardie Seed Company give no warranty, either expressed or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and will not be responsible for the crops. If the purchaser does not accept the goods on these terms they are at once to be returned and any money that may have been paid for them will be refunded. Crops are dependent on so many things besides seed, that it is impossible for us to give any guarantee. We make every effort to give you seeds that are pure, true to type and of good germination—but we have no control over the seed after leaving our house, especially so as to the planting and cultivation, which are most important in the making of any crop. Many pounds of seeds that are not properly planted prove a total loss each season. NO RESPONSIBLE SEEDSMAN GUARANTEES THE SEED HE SELLS.

Address all orders to

**DAVID HARDIE SEED COMPANY**  
**DALLAS, TEXAS**



# VEGETABLE SEEDS

## VARIETIES BEST SUITED FOR THE SOUTH

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The varieties of Vegetable Seeds offered by us are limited to those which, in our opinion, are best suited to the Soils and Climate of the South; keeping before our patrons the good old reliable sorts, which, if not novel, can be depended on, for in the end it is fine vegetables that are wanted, not so much novel varieties; any novelty, however, we may come across which proves to have merit, will be at once added to our list, but we refrain from offering anything of which we have no knowledge.

Many varieties of Garden Seeds are scarce this season, but we believe that the general shortage of last year will not exist. The shortage of labor in the growing sections of the United States and Europe connected with many other causes, which comes about on account of the existing conditions, has made prices higher. In view of the above we will make every effort to serve our customers and friends as we have in the past, sending you good seeds at prices that will prove most reasonable—everything considered.

In the past we have made it a rule not to substitute, but while the present conditions exist—where we are unable to fill your order as wanted and can send you much the same article but of different variety—we will do so, unless you state on your order not to substitute. But you can depend on us to use every possible endeavor to keep our assortment full.

PLEASE REMEMBER that all seeds priced by the packet, ounce, pound, pint, and quart are postpaid except where noted. If wanted sent by freight or express, purchaser paying charges, deduct 10 cents per pound, 8 cents per pint and 15 cents per quart from catalogue prices where quoted postpaid.

### ASPARAGUS

**CULTURE**—Sow in the fall or early spring in shallow drills 15 to 18 inches apart, thin out seedlings to 3 or 4 inches in rows, saving only the strongest, transplant when two years old into permanent beds, the soil of which should have been thoroughly mixed with well rotted manure.

**CONOVER'S COLOSSAL**—A standard variety of good quality. Pkt. 5c, oz. 10c, ¼ lb. 35c. Postpaid.

**PALMETTO**—A great yielder. earlier and larger than Conover's Colossal. Pkt. 5c, oz. 10c, ¼ lb. 35c. Postpaid.

**BARR'S MAMMOTH** is very large and early, light color. Pkt. 5c, oz. 10c, ¼ lb. 35c. Postpaid.

**COLUMBIAN MAMMOTH WHITE**—Large white stalks and very productive. Pkt. 5c, oz. 10, ¼ lb. 35c. Postpaid.

**ASPARAGUS ROOTS**—See Roots and Plants.

### ARTICHOKE

**CULTURE**—Drop the seed early in spring and transplant the following spring in hills four feet apart, setting three plants to the hill; the soil should be rich and deep.

**LARGE GREEN GLOBE**—The best and standard variety. Pkt. 10c. Postpaid.

**JERUSALEM ARTICHOKE**—See Roots and Plants.

## BEANS

The very high prices paid for commercial beans in California have greatly enhanced the value of all Pole Snap and Lima Beans. Up to the time of our catalogue going to press we are unable to get any definite reports as to deliveries on contracts. We would ask our customers to allow us to fill orders for beans to the best of our ability, as we may run short on some varieties we list. If larger quantities than quoted are wanted, write for prices.

We have our stocks of Bush Snap Beans grown on contract by one of the most reliable Bean Seed growers in Michigan, and feel sure they will give the best of satisfaction.

Remember, our pint and quart prices include postage if wanted by Freight or Express, at buyer's expense, deduct 8 cents per pint and 15 cents per quart from the price. Prices on pecks are f. o. b. Dallas; if wanted by parcel post add postage.

### DWARF OR BUSH BEANS

**CULTURE**—Beans are tender, and should not be planted until all danger from frost is past. No time is gained by planting them before the ground becomes warm. Drop the beans two or three inches apart, in rows standing eighteen inches or two feet apart; cultivate only when dry; draw the soil slightly towards them. They will make green beans in six or eight weeks; sow every two weeks for a succession, if seasonable up to September.

**HENDERSON'S BUSH LIMA**—The most successful Bush Lima for the Southern States, and the only one we would recommend as a sure cropper. It is much planted by the market gardeners, is at least three weeks earlier than any of the climbing Limas, and is a continuous and abundant bearer until frost. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**JACKSON WONDER BUSH LIMA**—This is one of the most productive and very earliest of the Bush Limas, is of true bush form, grows about two feet high, bearing a profusion of broad flat pods, each having from 3 to 5 medium sized handsomely speckled beans. Flourishes in the dryest weather, and is almost drouth proof. Flavor is rich and delicious. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.



Early Round Pod Valentine

### GREEN PODDED SNAP BEANS

**EARLY BROWN MOHAWK**—Hardiest of all snaps, even resisting a little frost; on that account, the best to plant first; pods long, broad and flat. Pkt. 15c, pint 40c, quart 75c. Postpaid.

**EARLY LONG ROUND POD, SIX WEEKS**—An excellent snap; is not only early, but very prolific. Pkt. 15c, pint 40c, quart 75c. Postpaid.

**EARLY LONG FLAT POD SIX WEEKS**—Prices same as round pod six weeks.

**EXTRA EARLY ROUND POD VALENTINE, HOPKINS' IMPROVED STRAIN**—Unsurpassed for quality; and remarkably uniform in ripening; pods strong, vigorous grower, stands well up, round, thick and solid, very tender and of fine flavor. Pkt 15c, pint 40c, quart 75c. Postpaid. Write for prices on larger quantities.

**TENNESSEE GREEN POD**—This bean has gradually grown in great favor wherever tried in the South and Middle

States. It is very early and stands earlier planting than most other beans, being able to withstand cold, inclement weather better than other sorts. It is very prolific, pods very long, flat, bright green and of most excellent quality. We recommend this bean to market gardeners for extremely early planting. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

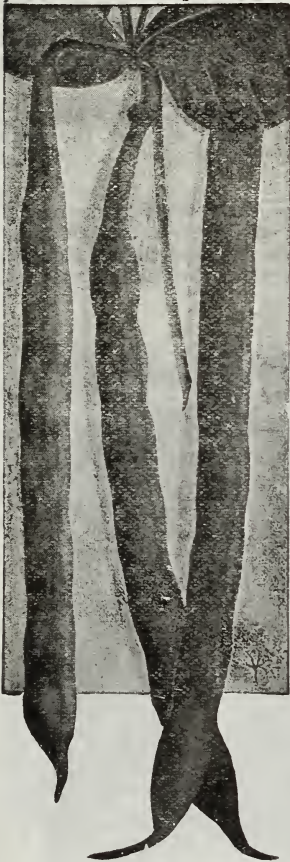
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**GREEN PODDED SNAP BEANS—(Continued)**

**BURPEE'S STRINGLESS GREEN POD**—An extra early variety, positively stringless; remains tender and crisp long after maturity; pods are pale green, long and straight, perfectly round and meaty. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on large quantities.

**GIANT STRINGLESS GREEN POD**—This bean is larger and some earlier than the Valentine, is without strings, unusually crisp and meaty; is very prolific, and has done well in the South wherever tried. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**BURPEE'S STRINGLESS****WAX OR YELLOW PODDED SNAP BEANS**

**IMPROVED GOLDEN WAX**—An early stringless bean of good quality; pods long, broad and flat, thick and wax-like. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on large quantities.

**PROLIFIC BLACK WAX**—Very early and great yielding, in our opinion the Wax Bean best suited to our climate; the pods are round, full, stringless and of fine quality. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**PENCIL POD BLACK WAX**—Pods smooth, perfectly round and straight like a pencil; light golden yellow in color; very productive. We think it is one of the most profitable Wax Beans for market gardeners to plant. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**WARDWELL'S KIDNEY WAX**—Is a fine bearer; pods long, "at and of a delicate waxy color; entirely stringless and very free from rust. Pkt. 15c, pint 55c, quart \$1.00. Postpaid. Write for prices on larger quantities.

**POLE OR RUNNING BEANS**

**CULTURE**—They are less hardy than dwarfs, and should not be planted so early.

**WHITE CREASEBACK**—Earliest of Pole Beans, exceedingly productive; an excellent market gardeners' variety; very suitable for early fall planting. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**KENTUCKY WONDER**—This is one of the very best varieties for the South; very productive, the pods hanging in clusters; are entirely stringless, and cook tender and melting. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger lots.

**KENTUCKY WONDER WAX**—This is one of the best Pole Wax Beans ever introduced; it has all the good qualities of the old green pod Kentucky Wonder, is very prolific, commences to bear early, and continues on till frost. The pods are long, of beautiful transparent yellow color; are very meaty and entirely stringless. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**LAZY WIFE**—The pods are produced in clusters, and almost a handful can be grasped at once; are stringless when young, also make a fine shell bean. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**SMALL WHITE LIMA, OR SIEVA**—This bean succeeds better in the South than any other Pole Lima; is very productive, and bears until frost. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

**KING OF THE GARDEN LIMA**—Vigorous grower and heavy yielder on all kinds of soil; beans large and of fine flavor. Pkt. 15c, pint 45c, quart 85c. Postpaid. Write for prices on larger quantities.

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## BEETS

**CULTURE**—Sow as soon as the land will permit, and for a general crop about the middle of April; sow in drills 15 inches apart and thin out to four inches; for winter use, sow the turnip varieties about July.

Our Beet Seed has proved the purest and best the market gardeners of Dallas have ever been supplied with. Many of them inform us they made extra money by having the proper kind of beets. Southern gardeners should try our Early Eclipse and Egyptian Beet seed if they want to have the first and best in the market.

**EXTRA EARLY EGYPTIAN BLOOD TURNIP**—(Fig. 5). The well known standard early market sort; color deep red; tender and sweet; form similar to the Flat Dutch Turnip. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50. Postpaid.

**CROSBY'S EGYPTIAN**—A very early globe shaped variety, nearly as early as the Extra Early Egyptian, roots smooth, of a distinct vermilion color, the meat is fine grained, sweet and tender, very desirable for early market. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60. Postpaid.

**EARLY ECLIPSE**—(Fig. 3). An improved extra early sort; roots nearly globular, with short tops. Flesh dark red, with circles of lighter red. We carry an extra fine strain of this variety, being earlier by two weeks than the old Eclipse, and can strongly recommend it to gardeners and truckers for the earliest market. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50. Postpaid.



**EARLY BLOOD TURNIP**—Dark red, fine flavor and productive. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50. Postpaid.

**CRIMSON GLOBE**—This Beet is remarkable for its smooth skin and fine shape. It is an early variety, does not grow large and coarse, the mature Beets being medium in size and of good shape. The flesh and skin are both very dark, and quality fine, being sweet and tender. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60. Postpaid.

**DETROIT DARK RED**—(Fig. 2). A splendid deep red turnip beet, with small upright tops, early maturing, and makes nice round finely shaped roots. This is one of the finest of all for early market or home use. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60. Postpaid.

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**BEETS—(Continued)**

**EDMAND'S EARLY BLOOD TURNIP**—(Fig. 1). A market gardener's strain of great regularity in shape, deep blood skin, and a very dark flesh of best quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60. Postpaid.

**LONG SMOOTH BLOOD**—A good late variety. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.50. Postpaid.

**SWISS CHARD OR SPINACH BEET**—Is cultivated mostly for greens. It is usually prepared for table in the same manner as spinach; sometimes the mid-rib is prepared like asparagus. It stands hot weather well and will furnish greens the whole summer long. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60. Postpaid.

**MANGEL WURZEL**—(Stock Beets). See "Field Seeds."

**BRUSSELS SPROUTS**

A very desirable vegetable and deserving of more general cultivation. Culture same as cabbage.

**BRUSSELS SPROUTS**—Pkt. 5c, oz. 35c. Postpaid.

**CARROTS**

**CULTURE**—For early crops sow in spring, as soon as ground can be worked, in drills 15 inches apart; cover seed one-half inch; thin plants to three or four inches in rows.

Our Carrot Seed is the very best Eastern grown rubbed stock, and is strictly first-class. Many of the failures to raise carrots are attributable to the planting of cheap Western seeds of uncertain germination and tendency to grow tops rather than roots. Market gardeners would study their own interest by trying some of our first-class Carrot Seed.

**OXHEART, or HALF LONG GUERANDE**—(Fig. 5). This is one of the most valuable, either for family use or market. It is of a most beautiful shape and color. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.75. Postpaid.

**DANVER'S HALF LONG ORANGE**—(Fig. 6). One of the most productive; roots large, but short, tapering abruptly at point; sweet and tender. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c, lb. \$1.85. Postpaid.

**IMPROVED LONG ORANGE**—(Fig. 3). Best variety for late field culture; good for table use and suitable for stock feeding. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 55c, lb. \$1.70. Postpaid.



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## CABBAGE

The Cabbage Seed crop is very short—prices are high—most dealers expect to see Cabbage Seed prices higher this season than ever before. We will not attempt to say just what to expect, but under the existing conditions we will not quote Cabbage Seed in this catalog in more than ounce lots. Our stock is complete and we will ask that you kindly write for prices in larger quantities and we will quote you by return mail. Our Cabbage Seed is grown by one of the best growers in the United States and we feel that it will satisfy the most critical growers.

**CULTURE**—All cabbage do best in strong, well manured and well cultivated soil. For early crop sow seed of the early varieties in hot beds, or in a box that can be housed, any time from middle of December to end of January; plant out end of February or beginning of March, in rows two feet apart and 18 inches between plants in row; for later cabbage sow in March and plant out in April. In Southern Texas cabbage can be sown in September and planted out beginning of November. To prevent the small plants being attacked by cabbage fly, dust some tobacco dust or "Slug Shot" on them.

**EARLY JERSEY WAKEFIELD**—A very popular variety with market gardeners for early use, and is considered the best early Cabbage in cultivation; it has a fine, solid head, and of good size. Pkt. 10c, oz. 85c. Postpaid. Write for prices in larger quantities.

**CHARLESTON, OR LARGE WAKEFIELD**, is five or six days later than the early Jersey Wakefield; the heads are nearly one-half larger and very solid; it is very compact in growth, and does not burst open when ripe, like many of the early sorts. Pkt. 10c, oz. 85c. Postpaid. Write for prices in larger quantities.

**EARLY WINNINGSTADT**—A fine variety for summer use; heads large and pointed, tender and solid. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**HENDERSON'S EARLY SUMMER**—We consider this the champion early Cabbage for the South; it is the earliest large heading Cabbage and a great favorite with market gardeners; handsome heads, flat or slightly rounded; a good keeper. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**EARLY FLAT DUTCH**—A good all-around Cabbage; a sure header, and valuable for general crop. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**EARLY DRUMHEAD**—Heads round and flat; comes in after Henderson's Early Summer. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.



Early Jersey Wakefield



Henderson's Early Summer.



Flat Dutch.

**HENDERSON'S SUCCESSION**—A sure heading sort, a little later than Early Summer, but much larger. Heads deep and solid, of handsome color and of finest quality. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

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**CABBAGE—(Continued)**

**SUREHEAD**—One of the finest for second early planting, growing to a large size quickly and surely. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**ALL SEASONS**—Another fine Cabbage, which is of the Drumhead strain. As the name indicates, it can be planted at all seasons, and makes both a splendid early and late variety. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**AUTUMN KING, OR WORLD BEATER**—An extremely large and solid heading variety. In good soil will produce heads of an enormous size; is well suited to the South, where we have a long growing season. In a fine keeper. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**DANISH BALLHEAD**—Very hardy, solid, of fine quality, and one of the very best keepers, making it particularly desirable for shipping to distant markets. Its round heads shed the water from above, and having a longer stem than most American sorts, makes it a good variety to irrigate, no water lodging in the head, assists its keeping qualities. Our seed of this variety is the best obtainable. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**PREMIUM LATE FLAT DUTCH**—The standard winter variety; heads large, round, solid and flat on top; an excellent keeper. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**LARGE LATE DRUMHEAD**—A fine strain of Drumhead; short stem, heads large, round and thick; valuable for winter; also suitable for a fall crop, if sown early. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**DRUMHEAD SAVOY**—An excellent winter and spring family Cabbage, partaking partially of the size of the Drumhead and the curled leaves of the Savoy. Market gardeners usually find it profitable to provide a limited quantity for discriminating customers; for family use it is equaled by none. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**MAMMOTH DARK RED**—A fine pickling Cabbage, and sometimes is sliced in salad. Pkt. 10c, oz. 75c. Postpaid. Write for prices in larger quantities.

**CABBAGE PLANTS**—See "Roots and Plants."

**CAULIFLOWER**

**CULTURE**—Much the same as cabbage; has to be planted very early in the South to do any good.

**EARLY SNOWBALL**—This is a popular extra early strain, of dwarf, compact growth. Every plant will make a fine solid head of good size, under favorable circumstances. Pkt. 20c, ¼ oz. 75c, oz. \$2.50. Postpaid.

**EARLY DWARF ERFURT**—A choice strain of the popular Erfurt type, produces very solid, pure white heads, and is a remarkably sure header. Plants very dwarf. Pkt. 20c, ¼ oz. 75c, oz. \$2.50. Postpaid.

**CORN SALAD OR FETTICUS**

**CULTURE**—Sow during August and September in drills one-fourth inch deep and 6 inches apart; just before winter cover lightly with straw.

**LARGE LEAVED**—Pkt. 5c, oz. 30c. Postpaid.

**CRESS**

**CULTURE**—Sow broadcast in beds; can be cut repeatedly.

**CURLED CRESS, OR PEPPER GRASS**—Pkt. 5c, oz. 15c. Postpaid.

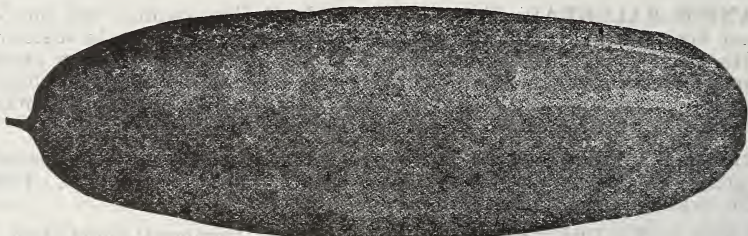
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## CUCUMBER

**CULTURE**—Cucumbers should not be planted until the ground gets warm, unless you are prepared to protect them during the cold storms. Plant in hills 6 feet apart each way, enrich the hills with a quantity of decomposed manure or packing house fertilizer; scatter 10 or 15 seeds on each hill, cover one inch deep and press the soil firmly over them; thin out to three or four plants to the hill; never allow any of the fruits to ripen on the vine, as they will cease setting fruit as soon as seed commences to mature.

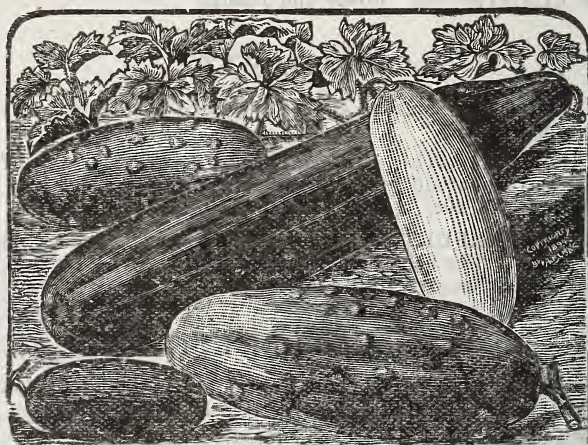
**IMPROVED EARLY WHITE SPINE**—This is a popular variety of medium size, light green color, with white spine; a good kind for shipping; is good for forcing as well as for out-of-door culture. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**EVERGREEN WHITE SPINE**—Retains a beautiful green color in all stages of its growth; is of good size, crisp and tender, and a good shipper. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.



Klondike Cucumber.

**KLONDIKE**—An extra fine new strain of white spine, which has proved exceedingly well suited to the South. For flavor, uniform size, and productiveness, it can not be surpassed. Wherever it has been tried by Southern planters, it has become their main crop. It holds its dark green color longer than any other sort. It is very prolific, very early, very hardy, standing the vicissitudes of insect pest and unfavorable weather, better than any other Cucumber. Is a splendid shipper, keeps a long time in prime condition after picking. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.



**DAVIS PERFECT**—One of the very best for quality, shape, color and productiveness and is a fine shipper. Color a dark glossy green, uniform and regular in size, and as a slicing cucumber one of the best, being crisp and tender. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**IMPROVED LONG GREEN**—The old standard sort, of vigorous growth, long and crisp; good variety for pickling. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

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**CUCUMBER—(Continued)**

**EARLY FRAME, OR SHORT GREEN**—Very useful early variety for table use or pickling purposes. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**CUMBERLAND**—This variety is especially desirable for pickling. Is a cross of the Paris Pickling and White Spine, and certainly has the good qualities of both. The vines are hardy, of a vigorous growth, fruiting very freely. The young cucumbers are of even size and regular form, thickly set, with small spines, making it a very attractive pickle. It retains its symmetrical form until fully grown, making it also a desirable slicing variety. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**JAPANESE CLIMBING**—This variety throws out strong, grasping tendrils, enabling it to climb poles or trellises in the same manner as Pole Lima Beans, thus keeping the fruits off the ground; it is very productive, and good for both slicing and pickling. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 45c, lb. \$1.40. Postpaid.

**BOSTON PICKLE**—An abundant bearer; highly recommended for pickles. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**EARLY GREEN CLUSTER**—Early short and prickly; bears mostly in clusters. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**GHERKIN, OR BURR**—A very small oval prickly variety, used exclusively for pickling. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 60c. Postpaid.

**EARLY GARDEN AND SWEET CORN**

**CULTURE**—Plant in hills three feet apart; leave two or three plants to the hill; where ground is strong, dwarf varieties, like Adam's Extra Early, can be planted in hills two and a half feet apart.

Remember, our prices include postage; if wanted by Freight or Express, at buyer's expense, deduct 8 cents per pint, 15 cents per quart, 10 cents per pound from prices. Prices per peck are f. o. b. Dallas.

**ADAM'S EXTRA EARLY**—The hardiest and earliest corn we have (not a sugar corn); makes roasting ears in six weeks after planting; ears small and only recommended for first planting. Pkt. 10c, pint 25c, quart 45c. Postpaid. Write for prices on larger quantities.

**ADAM'S EARLY**—An early market variety, similar to Extra Early Adams, but much larger; this corn is well adapted to the South, and we strongly recommend it. Pkt. 10c, pint 25c, quart 45c. Postpaid. Write for prices on larger quantities.

**COUNTRY GENTLEMAN**—(Sweet). This we consider the par excellence of Sweet Corn. It is undoubtedly a variety of great value, and is especially recommended for private gardens, as there is no variety can equal it for sweetness or delicacy of flavor; it is also very productive, producing three to five ears to the stalk; the grains are exceedingly deep and crowded irregularly on the cob. We would warn purchasers not to consider the seed of this variety poor when they get it, as the prime seed of "Country Gentleman" has a decided look of poverty about it. Pkt. 10c, pint 25c, quart 45c. Postpaid.

**NEW EARLY EVERGREEN**—Will furnish ears fit for use much earlier than Stowell's. The ears, like Stowell's, are very large, with deep grain, which is of the very best quality. It remains in condition for use longer than other sorts, being fully equal to Stowell's in that respect. It has all the fine appearance of the old variety, although fit for use two weeks earlier. Pkt. 10c, pint 25c, quart 45c. Postpaid.

**STOWELL'S EVERGREEN**—(Sweet). This is the most popular variety with gardeners and canners for late use. It is very productive, ears of large size, grain deep, very sweet and tender, and remains for a long time in an edible condition. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, lb. 45c. Postpaid.

**GOLDEN BANTAM**—A very early and very sweet sugar corn. Ears are small, five to seven inches in length, but are borne very productively, two or three good ears to the stalk. The color of grain is creamy yellow, tender and of fine flavor, and is very much liked for private gardens. Pkt. 10c,  $\frac{1}{2}$  lb. 25c, 1 lb. 45c. Postpaid.

**HICKORY KING, IOWA SILVERMINE AND WHITE PEARL**, are all good to plant for roasting ears. Pkt. 10c, pint 20c, quart 35c. Postpaid. For larger quantities see Field Corn.

**FIELD CORN**—See "Farm Seeds."

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

## CELERY

**CULTURE**—Sow in March or April and rake the seed in lightly; water and shade from strong sun, set out when plants are 6 inches high, in trenches 2½ feet apart; plants need shading during hot weather; when tall enough it should be earthed up to blanch it.

**WHITE PLUME**—A handsome, thick-ribbed variety of a yellowish white color; very crisp; is easily blanched. Pkt. 5c, oz. 25c, ¼ lb. 75c. Postpaid.

**GIANT PASCAL**—Easily blanched and fine keeper; large, late sort, of good flavor. Pkt. 5c, oz. 25c, ¼ lb. 75c. Postpaid.

**CELERY SEED FOR FLAVORING**—Oz. 5c, ¼ lb. 15c, lb. 40c. Postpaid.

## COLLARDS

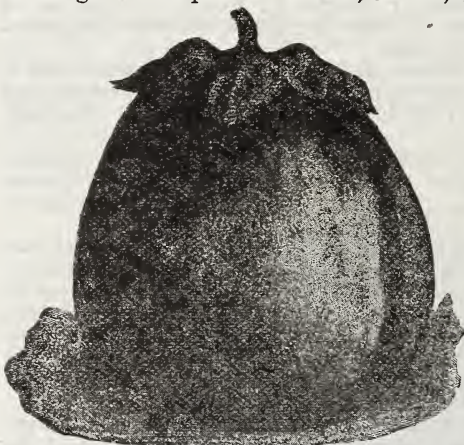
**CULTURE**—Sow seed as for cabbage in June, July or August for succession; transplant when a month old.

**TRUE GEORGIA**—Pkt. 5c, oz. 15c, ¼ lb. 40c, lb. \$1.35. Postpaid.

## EGG PLANT

**CULTURE**—Sow in hot beds very early in spring and transplant about two and a half feet apart, in rich, warm ground.

**NEW YORK IMPROVED PURPLE SPINELESS**—This is by far the best variety for the South; the fruits are of the largest size and perfect form; eight or ten grow on a plant. Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00. Postpaid.



Black Beauty Egg Plant

**BLACK BEAUTY**—Is fully as large and ten days to two weeks earlier than the New York Improved Purple. The grand large fruits are thick and of a most attractive form. The skin is a rich lustrous purplish black, the brilliant coloring being uniform over the whole fruit. It is also spineless. Pkt. 10c, oz. 60c, ¼ lb. \$2.00, lb. \$7.00. Postpaid.

**FLORIDA HIGH BUSH**—This variety grows very large, strong and high. Plants are strong and stand unfavorable weather conditions remarkably well and are prolific in bearing. The fruits which are held well off the ground are large, of uniform dark purple color, are tender and of fine quality throughout. 90 per cent or more of the plants are thornless. Pkt. 10c, oz. 50c, ¼ lb. \$1.75, lb. \$6.00. Postpaid.

## ENDIVE

**CULTURE**—Sow in July or August, cover lightly; thin out to eight inches apart; tie up loose leaves to bleach.

**GREEN CURLED WINTER**—Pkt. 5c, oz. 20c, ¼ lb. 50c. Postpaid.

**EVERWHITE CURLED**—Pkt. 5c, oz. 20c, ¼ lb. 50c. Postpaid.

## KALE

**CULTURE**—Kale makes excellent greens for winter and early spring; sow in June or July and transplant like cabbage. Will stand through the winter.

**DWARF GREEN CURLED**—Very dwarf and spreading; best strain. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.75. Postpaid.

**TALL GREEN SCOTCH**—Taller growth of above. Pkt. 5c, oz. 20c, ¼ lb. 50c, lb. \$1.75. Postpaid.



## KOHL-RABI

**CULTURE**—This is an excellent vegetable, and should be in every garden. Cultivate same as cabbage. For fall crop sow in July; for early spring, sow in December or January.

**EARLY GREEN VIENNA**—The earliest and best for forcing, also good for open ground. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 80c. Postpaid.

**EARLY PURPLE TOP, SMOOTH**—Differs from Early Vienna only in color. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 80. Postpaid.

## LETTUCE

**CULTURE**—Lettuce can be grown in Texas all the year round; to grow fine heads, the ground has to be good, and have plenty of moisture; for an early crop sow in frames in January or February and plant out in March, giving them space in accordance with the size of the Lettuce for summer crop, grow where sown, thinning out to 6 or 8 inches apart..

**BIG BOSTON**—A fine strain for forcing or early outdoor culture; heads very large. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25. Postpaid.

**UNRIVALLED**—Sometimes called "White Big Boston," it strongly resembles Big Boston excepting that it has a whiter heart. This is the same lettuce we often see on the market shipped from California and for which there is always a ready sale, it has had a good trial here and has done well. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25. Postpaid.

**ROYAL SUMMER CABBAGE**—Unequalled for long standing: stands the summer heat better than any other; it forms very large, solid heads. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.



Grand Rapids Lettuce.

**GRAND RAPIDS**—The best of all forcing Lettuce; largely grown for shipping; loose head, crisp, tender and fine flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**EARLY MAY KING**—This new Lettuce is without question one of the very best for early spring planting in the open ground. The heads are 6 to 7 inches in diameter, with the outer leaves very closely folded in; the head is very solid, of a light green color, the outer leaves being slightly tinged with brown; the leaves inside are of a golden yellow shade, and in point of flavor is unexcelled by any sort. We strongly recommend this Lettuce for shipping to distant markets. It does well planted in the fall, as well as in the spring, but will not stand our summer heat. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

**LETTUCE—(Continued)**

**IMPROVED EARLY HAN-SON**—A curled variety; large and solid heads, crisp and tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. 30c, lb. \$1.00. Postpaid.

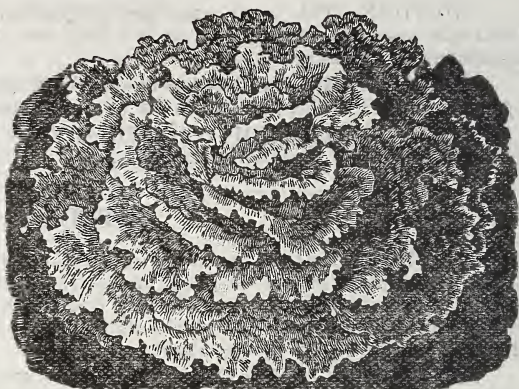
**BLACK SEEDED SIMPSON**—Very desirable variety; does not produce a head, but compact mass of leaves. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**WONDERFUL OR NEW YORK**—Plants of extra large growth, producing heads of immense size and closely folded. Crisp, tender and blanches beautifully, and has a very fine flavor. Outer leaves a rich dark green. This is one of the best lettuces for Fall and early Spring planting. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, lb. \$1.25. Postpaid.

**PHILADELPHIA BUTTER, OR EARLY WHITEHEAD**—One of the best large head variety; solid, well formed, tender, crisp and of good flavor; good for forcing as well as out-of-doors. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**EARLY CURLED SIMPSON**—A leading variety; good for forcing. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**BROWN DUTCH**—A valuable fall and winter variety, standing almost any amount of cold. Outside leaves are very thick; color green, tinged with brown; inner leaves are blanched, sweet, tender and well flavored. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.



Early Curled Simpson.

**LEEK**

**CULTURE**—Sow same as onions, transplant into well prepared rich beds, in rows one foot apart, and four or five inches in the row; set the root deeps and draw the earth to them when cultivating, so as to blanch them.

**BROAD LEAVED LONDON FLAG**—Strong, vigorous and hardy. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c. Postpaid.

**LARGE ROUEN**—Produces a short thick stem, with dark green foliage; remains long in good condition. Pkt. 5c, oz. 25c,  $\frac{1}{4}$  lb. 75c. Postpaid.

**MUSTARD**

**CULTURE**—For salad and greens, sow broadcast early in spring, also in fall.

**SOUTHERN GIANT CURLED**—The best for greens, and is better suited for the South than any other Mustard. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c. Postpaid.

**OSTRICH PLUME**—A fine, large-leaved variety, beautifully ruffled and frilled; of superior flavor when cooked. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c. Postpaid.

**LARGE SMOOTH LEAVED**—Has a large, fleshy leaf. The flavor is mild and it is quite slow in sending up its seed stock, remaining a long time fit for table use. This variety fills a long felt want in the South. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c. Postpaid.

**MIXED MUSTARD**—Southern Giant curled and smooth leaved mixed. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 85c. Postpaid.

**WHITE LONDON**—Used for salads when young. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 25c, lb. 65c. Postpaid.

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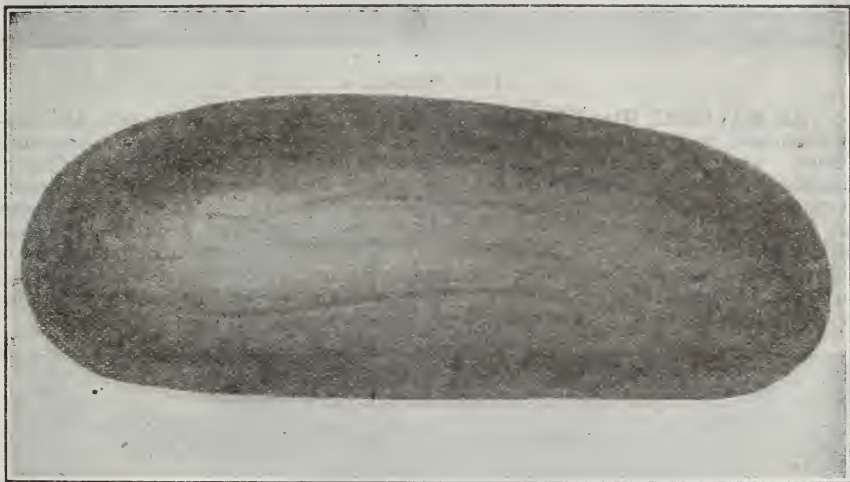


## WATER MELON

**CULTURE**—Plant in hills eight or ten feet apart, dropping ten seeds to the hill; thin out to three plants to the hill, cultivate until the vines cover the ground, and pinch the ends of the early shoots to induce early fruiting.

Our Melon Seeds are carefully selected Southern grown, which are far superior to those grown in the North, whose only recommendation is their cheapness. If you want to avoid disappointment, plant our choice Southern grown Melon Seed.

**NEEL'S PRIDE OF TEXAS**—This is one of the finest Melons ever brought before the public. Although only put upon the market by us recently, Mr. Neel has been growing it for a number of years and has thoroughly tested it, and wherever he offered it for sale, no other melon could compete with it. The specimens we have tried we thought as near perfection as we could get a melon, both in form and taste. As can be seen from the cut it is of splendid shape, and they average up well in weight, many melons going from 40 to 50 lbs. Its color is of a beautiful dark green, its flesh is deep red, very juicy, and extra sweet and tender, free from strings. It has a thin rind, but a tough skin, which makes it a good shipper, in which respect it has the advantage over the Halbert Honey. Pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 60c, 1 lb. \$2.00. Postpaid.



Neel's Pride of Texas.

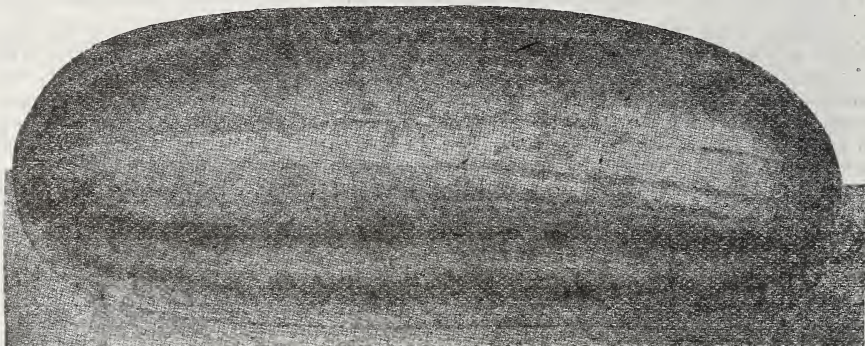
**NEW EXCEL**—This is one of the very best market melons ever introduced, was first shipped in car loads in 1914, and wherever shipped to, gave the very best of satisfaction. Produces melons 18 to 22 inches long and 12 to 16 inches in diameter, and weighing from 40 to 60 pounds. The dark green rind, indistinctly striped with a shade of lighter green, is tough and easily withstands distant shipment. The deep red flesh is crisp, melting and of finest flavor, entirely free from core or hard centers, heart large and very firm, with unusually small seed cavity. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**BLACK DIAMOND**—Is a cross between Kolb's Gem and Hoosier King. As a shipping melon it is equal to Kolb's Gem, and far surpasses it in quality. Its prominent point of merit is its extreme size, being uniformly large, melons weighing from 75 to 90 pounds are frequent. Its color is a rich dark green, almost black, of uniformly symmetrical shape, roundish to bluntly oval. Melons of this shape are preferred on the Northern markets to the long varieties. Shippers of melons to the North should try Black Diamond. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

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### WATER MELON—(Continued)

**TOM WATSON**—This is one of the best belons. It is of the long variety, skin is a dark mottled green, rind thin but very tough, making it a good shipping melon, the flesh is a brilliant scarlet, and the heart is very large, with a small seed area, and has a delicious sweet and satisfying flavor; they average in weight about 35 to 40 pounds. Its appearance and quality strongly recommend it, both for home use and for market. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.



Tom Watson.

**THE HALBERT HONEY**—Growing as long as the Kleckley Sweets, the melons are blunt, both at stem and blossom ends, generally free from any appearance of neck. They are eighteen to twenty inches in length, by six to eight inches in diameter, color of rind a clear, glossy, deep green. The flesh is a beautiful crimson, extending to within half an inch of the rind, which, like the flesh, is so tender that it will not stand shipping any distance, unless carefully handled. It is essentially the melon for the home gardener and local markets. In quality it is simply delicious, sugary and of a rich, fruity flavor, peculiar to itself, free of all fibrous substances, the sweet flesh simply melts away in the mouth. Pkt. 5c, oz. 10,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.



The Halbert Honey.



**WATER MELON—(Continued)**

**KLECKLEY SWEETS**—Sometimes called Georgia Sweets, is (with the exception of Habert Honey) the sweetest of the large Watermelons. The skin is too tender to admit of its being shipped long distances to market. Its fine quality makes it a most desirable variety for home use and nearby markets. Fruits are of large size, oblong in form, skin dark green, rind very thin; flesh bright scarlet, with broad, solid heart, crisp and sugary, and melting in the highest degree. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**BRADFORD**—This is a favorite Southern melon, is a strong, vigorous grower and very productive. The melons are long and grow to a large size; color dark green with a still darker stripe of same color. The flesh is very tender, luscious and of fine flavor. The rind, though thin, is very tough, making it a very desirable shipping melon. We strongly recommend this melon for the Southern markets. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**ALABAMA SWEET**—We can honestly say this melon has given better satisfaction and brought larger returns to growers than any other melon that has ever been offered. It is undoubtedly one of the finest shipping melons ever put on the market. It is medium early, strong of growth, very productive and bears longer than most melons. Alabama Sweet is a dark green melon with a faint black stripe; seeds are of a dirty white color. It is of good size; we have weighed many that turned the scales at 50 and 60 pounds each. Its flavor is simply delicious and its outside appearance very attractive. Its size, shape and fine cutting qualities are such as to make it a winner in any market. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.



Alabama Sweet.

**BRANCH'S GENUINE RATTLESNAKE**—This strain has been kept pure for over thirty years, being the only variety grown on Mr. Branch's farm. It is very much superior to the ordinary Georgia Rattlesnake. Its shipping qualities are of the very best; it is very attractive in appearance, has a thin rind, deep scarlet flesh and very delicious flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**FLORIDA FAVORITE**—Large and long, flesh light crimson, crisp and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. 1.00. Postpaid.

**DUKE JONES**—This is a grand melon; grows to a very large size, eighty pounds not being uncommon; in shape slightly longer than Kolb's Gem; rind dark green, slightly striped; flesh bright red, juicy and delicious. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**GIRADEAU'S TRIUMPH**—A very fine melon, cross between Duke Jones and Kolb's Gem. Grows uniformly large; dark green rind, red flesh and fine flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

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## WATER MELON—(Continued)

**GOLDEN HONEY WATERMELON**—We have had a good many customers wanting a yellow meated melon, which want we feel sure this melon will fill. It is a very fine golden meated melon, with a most delicious flavor, it is not surpassed by any melon in existence for sweetness and tenderness, it fairly melts in the mouth. It grows a medium size, is of an oblong shape, color of rind is a mottled green, and has a handsome appearance.

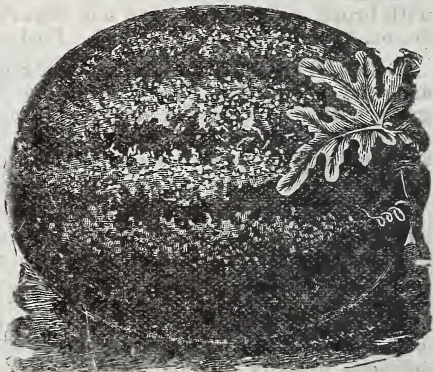
Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25.

Postpaid.

**KOLB'S GEM**—This is the queen of shipping melons; the rind, though thin, is tough, which enables it to stand handling; rind green, mottled with white; flesh bright red and of excellent flavor. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**GREEN SEEDED CITRON**—For preserving only; flesh white and solid. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**RED SEEDED CITRON**—Or Kansas Stock Melon. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.



Kolb's Gem.

## MUSK MELON

**CULTURE**—The same as watermelon, only the hills should be five to six feet apart, according to variety.

**IMPROVED ROCKY FORD**—Has become in the hands of the Rocky Ford, Colorado growers, the most popular of all canteloupes in eastern and all other markets, and is undoubtedly unexcelled by any other melon. The fruit is lightly oval, densely covered with coarse netting, and slightly ribbed. Flesh is thick,



Improved Rocky Ford.

light green in color, very sweet, and of a most delicious flavor. In size they run about  $1\frac{1}{2}$  pounds. Our stock of seed is fine, having been saved by an expert grower at Rocky Ford, from selected melons of the middle crop, especially for seed purposes. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**EARLY HACKENSACK**—A very valuable variety; ready for market a full week ahead of the old Hackensack; melons weigh from five to ten pounds each; very productive; green netted skin; green flesh, rich and sweet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

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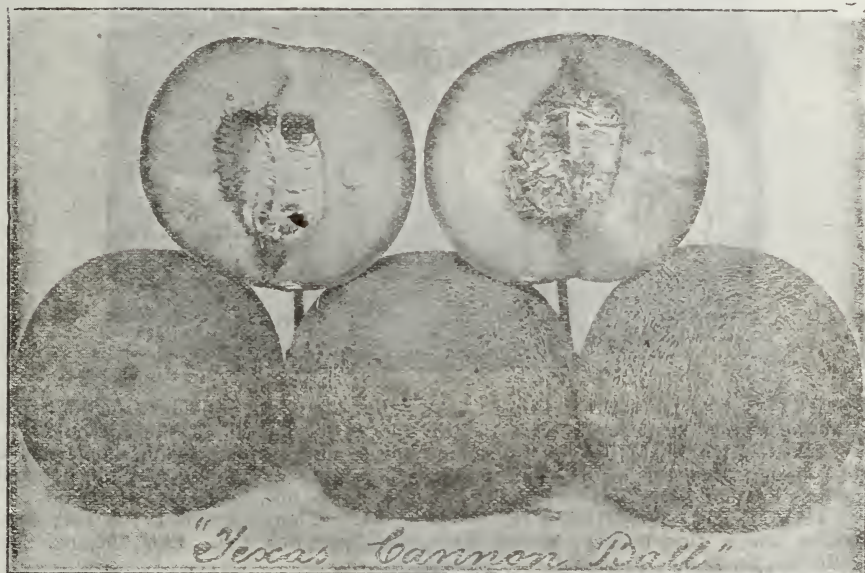


## MUSK MELON—(Continued)

**NETTED ROCK**—This strain has won by merit a very favorable position with growers throughout the country. It is about the same size as Rocky Ford, heavily netted, the flesh is green, deep and solid and of very fine flavor. Owing to its small cavity and solid meat, a crate of Netted Rocks will weigh 3 to 4 lbs. more than other melons. It is a splendid shipper, having been shipped from Rocky Ford to England successfully. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**EXTRA EARLY HACKENSACK**—Ripens ten days before the large Hackensack; is round, well netted and of good size; larger than any other extra early musk melon. Flesh green and thick, delicious flavor and fine appearance. Its earliness makes it a very profitable variety to grow for market. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**TEXAS CANNON BALL**—We consider this melon to be the best all-round Cantaloupe for Texas. Round, medium, netted. Flesh green, very solid, melting and of delicious flavor. Of all melons this has the smallest cavity. Can be shipped any distance. Excellent, also, for home use. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.



**BURRELL'S GEM**—This is a fine melon with rich salmon-colored flesh, sweet and fine flavored. The melons are oblong with smoothly rounded ends, slightly ribbed and closely netted; skin is dark green with brownish netting; rind thin but tough; meat exceptionally thick and firm, but melting, of a deep rich salmon; they weight about 2 lbs. each. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**EARLY GREEN NUTMEG**—An excellent melon for table, of oval shape, roughly netted, flesh green, sweet, melting and highly perfumed. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**ACME, OR BALTIMORE**—One of the best melons for the late market, its heavy foliage giving the fruit plenty of shade to protect it from our hot mid-summer sun; it is of good size, oval in form, well ribbed and heavily netted, skin turning to a golden tint when ripened. Flesh firm and of superior quality. It is a great favorite with hotels and restaurants. We strongly advise truckers to plant some of this variety for their second crop. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

## ONIONS

**CULTURE**—To grow fine onions, the ground should be well manured; you can not get it too rich; they require more or less manure every crop; the land should be well plowed and pulverized before planting; for large onions from the seed, sow in drills about  $2\frac{1}{2}$  feet apart, thin out to about six inches in the drills, and keep weeds cleared out. February is early enough to sow; you can also sow again early in the fall for bunch onions.

Large onions can be grown from seed quite as easily and more cheaply than from sets that have been grown a previous season, and carried over. Good seed is of the utmost importance. The first cost of this seed is a small item compared to the expense of preparing, fertilizing and cultivation of the soil. Our seed is the best procurable. We have them grown on contract by careful growers.



**EXTRA EARLY RED**—(Fig. 2). An extra early, good yielder; medium size, solid and heavy; keeps well. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00. Postpaid.

**LARGE RED GLOBE**—A fine onion for a main crop, growing large and a good shape; deep red color. This onion is becoming a favorite and the demand for it is heavier every year. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00. Postpaid.

**LARGE RED WETHERSFIELD**—(Fig. 6). A leading variety; is very productive and a fine keeper; grows large, skin purplish red. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00. Postpaid.

**YELLOW GLOBE DANVERS**—(Fig. 7). A very desirable standard variety, good keeper and productive. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00. Postpaid.

**AUSTRALIAN BROWN**—This onion has many good qualities to recommend it; it is of globular shape and brown in color; flavor is mild and sweet; it is very solid and proves to be a splendid keeper. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 85c, lb. \$3.00. Postpaid.

**GIANT YELLOW PRIZETAKER**—(Fig. 1). The best of all onions for field crop; grows to a large size; from very attractive, being almost globe-shaped; flesh pure white, fine grained, mild and delicate flavor; is a splendid keeper. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 95c, lb. \$3.50. Postpaid.

**WHITE SILVER SKIN**—Grows to a medium size, ripens early and evenly. Flesh and skin pure white, very mild and sweet; a good keeper. Besides making a good dry onion, it is largely grown for bunching, for sets and for pickling. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.10. Postpaid.

**MAMMOTH SILVER KING**—(Fig. 4). One of the largest in cultivation; matures early and very uniform in size; flesh is snow white, tender, mild and sweet; a good keeper. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.10. Postpaid.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## BERMUDA ONIONS

The best stock of this seed is grown in Teneriffe, Canary Islands; experiments made with seeds grown in the United States and other countries have proved that none of them will produce an onion with the fine qualities that the Teneriffe seed makes; even the onion growers of the Bermuda Islands have to plant seed imported from the Canaries, so as to enable them to raise their choice stock of onions, and all our large growers of this onion in Southern and Southwest Texas, who have had a few years' experience, insist emphatically that they want nothing but the Teneriffe grown seed. Its quick maturing qualities, very small top, which dies down quickly, curing off the onion in good shape (it is the stem of an onion that begins to rot first), and its unsurpassed mildness of flavor, all combine to make it a perfect onion unequalled by any that we know of. We import our seed direct from the best growers in Teneriffe, making our contracts before the bulbs are planted. The seed is shipped to us in tin lined hermetically sealed cases, so that they are impervious to damp, at the same time protecting the vitality of the seed. Every grower who has tried our seed acknowledges them to be strictly first-class. Seed sown in the fall will produce early onions in spring; in Southern Texas sow in September and October; middle and Northern Texas we think it best to sow in February, for large onions by July. We also recommend sowing for sets in April, which would give you matured sets by August, and by planting these sets out in September or October you will have large, fine onions very early next spring.



**WHITE BERMUDA**—(True Stock). Teneriffe grown. This onion though shipped and known as a White Onion, has an outer skin of a straw colored tone, the interior is, however, pearly white. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.50. Postpaid. For prices on 1919 crop write us in July or August.

**RED BERMUDA**—(True Stock). Teneriffe grown. Same shape as the white, of a pale waxy red color. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c, lb. \$2.60. Postpaid. For prices on 1919 crop write us in July or August.

**CRYSTAL WHITE WAX BERMUDA**—(True Stock). Teneriffe grown. This is the pure White Bermuda Onion which has brought the fancy prices on the Northern markets; its beautiful pearly white appearance, together with its mild, sweet flavor, makes it a very ready seller. Pkt. 10c, oz. 30c,  $\frac{1}{4}$  lb. 90c, lb. \$3.20. Postpaid. For prices on 1919 crop write us in July or August.

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## OKRA

**CULTURE**—Sow in drills about three feet apart and thin out to one foot apart.

**WHITE VELVET**—An improved variety of medium height; bears an abundance of white, smooth, tender pods. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c. Postpaid.

**TALL GREEN**—Long ribbed pods. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c. Postpaid.

**DWARF GREEN**—Early and productive, smooth pods. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 20c, lb. 50c. Postpaid.

## PEAS

**CULTURE**—Plant early varieties beginning of February. They are usually planted in double rows, three to four feet apart; stake those requiring it when about six inches high; keep them clean and earth up.

Remember our pint and quart prices include postage; if wanted by Freight or Express at buyer's expense, deduct 8 cents per pint and 15 cents per quart from price. Prices per peck are f. o. b. Dallas.

### Dwarf Varieties

**EXTRA EARLY PHILADELPHIA**—A favorite early sort; grows about two feet high. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

**FIRST AND BEST**—A well-known and valuable variety; strong growth; two feet high. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

**EARLY ALASKA**—The earliest blue variety; does well on black land; good shipper; height two feet. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

**NOTT'S EXCELSIOR**—The best dwarf wrinkled pea ever introduced; cannot be recommended too highly; is an improvement on the "American Wonder;" can be planted same as Extra Earlies; large pods, very productive, peas sweet and luscious. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

**THOMAS LAXTON**—A large podded very productive early green wrinkled pea, very hardy and strong grower, height 3 feet. Pods are long with square ends and uniformly well filled with very large handsome peas of the finest flavor. Pkt. 10c, pint 35c, quart 65c. Postpaid. Write for prices on larger quantities.

### Intermediate and Late Peas

**PRIDE OF THE MARKET**—A very productive pea, of fine quality, pods large and generally well filled, a favorite with market gardeners; grows 18 to 20 inches high. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

**BLISS' EVERBERING**—In our estimation the best pea for main crop, is medium early and continues to bear longer than any pea we know of; very prolific, has fine sweet flavor; growth about two and one-half feet. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

**CHAMPION OF ENGLAND**—(Wrinkled). One of the richest and best flavored peas grown, long-pods, vine four or five feet high. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

**WHITE MARROWFAT**—A favorite variety, splendid yielder; broad, well filled pods; vine grows four feet high. Pkt. 10c, pint 35c, quart 60c. Postpaid. Write for prices on larger quantities.

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## PARSLEY

**CULTURE**—Early in spring sow in rows one foot apart; can also be sown in fall; will stand all winter in the South.

**PLAIN PARSLEY**—Dark green leaves, good for seasoning. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**DOUBLE CURLED**—Very beautifully curled and used for garnishing. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**TRIPLE CURLED**—Very thickly curled and moss like. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

## PARSNIP

**CULTURE**—In early spring sow in drills 15 inches apart; thin out to six inches.

**LARGE SUGAR OR HOLLOW CROWN**—The only variety for the South. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

## PEPPER OR CAPSICUM.

**CULTURE**—Sow early in hot bed, and when soil has become warm, plant out in rows two feet apart, and 18 inches in rows.



Large Bell or Bull Nose Pepper.

**NEW CHINESE GIANT**—Is the largest mild pepper in cultivation; on account of its earliness, productiveness and large size, truckers have found this a most profitable variety. Flesh unusually thick, mild and sweet. Pkt. 15c, oz. 85c,  $\frac{1}{4}$  lb. \$3.10. Postpaid.

**RUBY KING**—This variety grows to a very large size, is from five to six inches long and three to four inches in diameter; very mild and of pleasant flavor. Pkt. 10c, oz. 75c,  $\frac{1}{4}$  lb. \$2.75. Postpaid.

**LARGE BELL OR BULL NOSE**—The plants are vigorous, about two feet high, compact and very productive, ripening their crops uniformly and early. The fruits are large, with thick, mild flesh of excellent quality for use in salads and mangoes or stuffed peppers. The color is deep green when fruit is young, bright crimson when ripe. Pkt. 10c, oz. 75c,  $\frac{1}{4}$  lb. \$2.75. Postpaid.

**LONG RED CAYENNE**—Very hot and pungent, used for pepper sauce and seasoning purposes. Pkt. 10c, oz. 70c,  $\frac{1}{4}$  lb. \$2.50. Postpaid.

**CHILI**—Prolific, small variety, strong, used for pepper sauce. Pkt. 10c, oz. 70c,  $\frac{1}{4}$  lb. \$2.50. Postpaid.

**RED CLUSTER**—A new type of Chili; bright red pods in bunches. Pkt. 10c, oz. 70c,  $\frac{1}{4}$  lb. \$2.50. Postpaid.

## POTATOES

See "Roots and Plants."

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## PUMPKINS

**CULTURE**—When weather is warm, plant in hills ten to twelve feet apart, dropping four seeds to a hill.

We would strongly recommend the planting of Pumpkins, as they make splendid feed for hogs and cattle; they do well planted in corn, every fourth hill in every fourth row may be planted in pumpkin seed.

**WHITE CASHAW**—Crookneck. A popular variety, with a hard creamy-white shell. Fruits two feet in length, with long solid meeaty neck. Pkt. 5c, oz. 20c;  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

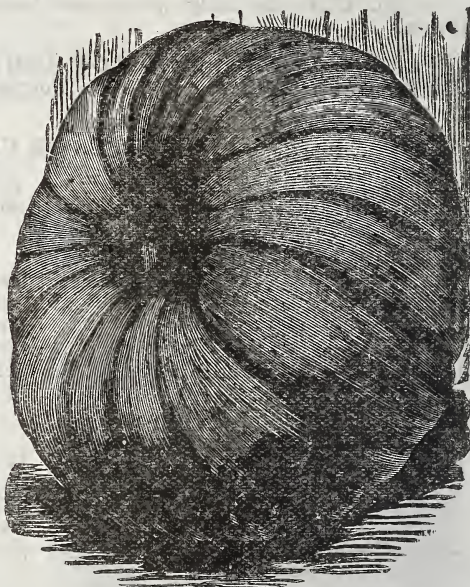
**GREEN STRIPED CASHAW**—This is a very popular variety; the flesh is deep yellow, very thick and sweet, cannot be beaten for pies. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**LARGE YELLOW FIELD**—Very productive, grown for stock. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**LARGE CHEESE**—Flat, one of the best for family use, flesh yellow, thick and excellent quality. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**KING OF THE MAMMOTHS**—The largest of all Pumpkins weighing at times over 150 pounds, grown mostly for show. Pkt. 10c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**TENNESSE SWEET POTATOE**—One of the very best pie Pumpkins. They grow pear-shaped, of good size, slightly ribbed. Skin is creamy white, flesh is very thick, creamy white, dry and fine grained, keeping well until late in spring. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50. Postpaid.



King of Mammoths.

## RADISH

**CULTURE**—The soil for radishes should be light, rich and well pulverized, as their mild and crisp qualities depend much on their rapid growth. For very early use sow in mild hot beds in January, and in open ground as soon as the ground can be worked; for succession, sow at intervals of ten or twelve days; they also do well sown in the fall.

### Turnip Shaped Varieties

**NON PLUS ULTRA**—Deep scarlet (forcing), the finest of its kind; matures in eighteen to twenty days; white flesh, very crisp and tender. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.85. Postpaid.

**SCARLET WHITE TIPPED**—A very desirable variety for gardeners. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.85. Postpaid.

**EARLY SCARLET**—Very early, bright red, fine quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

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**RADISH—(Continued)**

**ROUND CHINA ROSE**—The finest of all round radishes; can be grown winter and summer. Crop failed.

**WHITE SUMMER**—Is the same as Early Scarlet, except in color. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

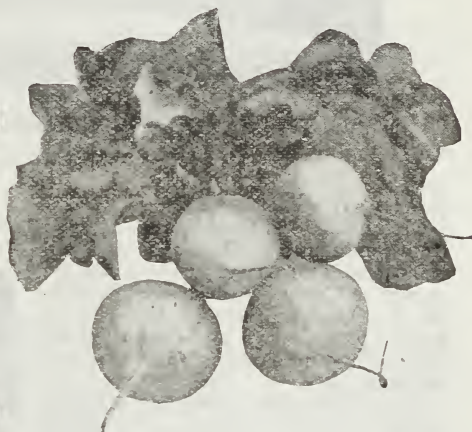
**GIANT STUTTGART**—A large, white, winter variety, of fine quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.



Scarlet White Tipped.



Long Scarlet.



Early Scarlet.

**ROUND BLACK SPANISH**—Fine for winter. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**OLIVE-SHAPED FRENCH BREAKFAST**—Scarlet, white-tipped; a quick growing variety, very crisp and tender. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**Long Varieties**

**EARLY LONG SCARLET SHORT TOP**—Very small and crisp, for frames or open ground. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**CHARTIER, OR LONG ROSE WHITE TIPPED**—Very handsome, deep crimson blending off to white. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**WHITE VIENNA, OR LADY FINGER**—Keep crisp and tender in summer. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**WHITE STRASBURG**—Handsome, oblong, tapering shape; both skin and flesh pure white, firm, brittle and tender, retaining its crispness even when roots grow large. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**ICICLE**—Very crisp and tender, the finest and longest of the early pure white varieties; is ready for use in twenty-five days after planting. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**CHINA ROSE WINTER**—Very handsome and distinct; keeps well. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**LONG BLACK SPANISH**—A popular winter sort. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**RHUBARB OR PIE PLANT**

**CULTURE**—Sow early in spring in drills one foot apart, in fall or following spring transplant three feet apart.

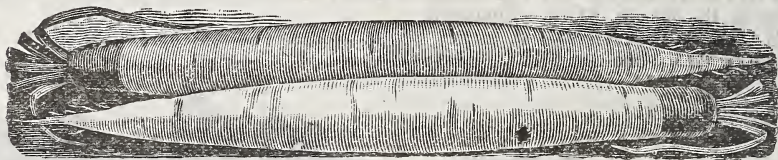
**LARGE VICTORIA**—Very large, rich in flavor, much esteemed. Pkt. 5c, oz. 20c,  $\frac{1}{4}$  lb. 50c, lb. \$1.50. Postpaid.

**RHUBARB ROOTS**—See "Roots and Plants."

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## SALSIFY OR OYSTER PLANT

**CULTURE**—Sow in drills eight inches apart; thin out to three inches.



**MAMMOTH SANDWICH ISLAND**—The superior variety, large. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

## SPINACH

**CULTURE**—This main crop is sown from September to December and will stand any ordinary Southern winter; in rich soil, sow broadcast or in drills; for Southern market gardeners it is a good paying crop and easily raised. For spring and early summer use, sow in February.

**BLOOMSDALE CURLED SAVOY**—The standard variety, very tender leaves. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.00. Postpaid.



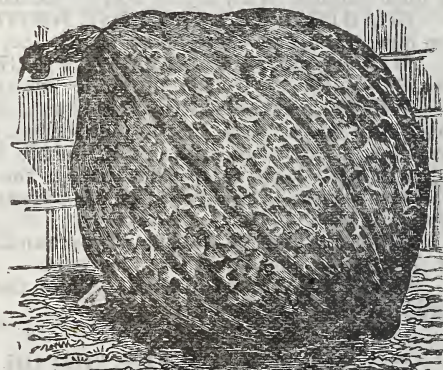
## SQUASH

**CULTURE**—Sow in hills in the same manner and at the same time as cucumbers and melons, bush varieties two to four feet apart, running kinds six to nine.

**BOSTON MARROW**—The leading Squash for fall and winter; hard skinned good keeper, finely flavored. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.



Early White Bush.



Boston Marrow.

**EARLY WHITE BUSH SCALLOP**—Earliest variety, dwarf habit and very productive, the chief market and shipping variety. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

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## SQUASH—(Continued)



Crookneck.

**HUBBARD**—This is the well known winter squash; vines of strong running growth, fruits large, olive-shaped, with dark green skin, and very rich flesh; an excellent keeper and of splendid quality. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**MAMMOTH WHITE BUSH** — A large fruited strain of Early White Bush variety; matures quite early, and will bear throughout the season if the fruits are kept gathered; the fruits will measure up to 12 inches in diameter. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.25. Postpaid.

**EARLY BUSH SUMMER CROOK-NECK**—Very productive, small crook-necked and warty, color yellow. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.35. Postpaid.

## TOMATO

**CULTURE**—For early crops sow in January and February in pots and boxes, and place near a window or in spent mild hot beds; keep well watered; when plants are three inches high transplant into another frame to remain until ready for planting out; this makes them strong and stocky. If you wish the first fruits that set to ripen quickly, pinch off the tops of vine and later fruit shoots; all vining varieties ought to be staked and tied up.

We are very careful in selecting varieties that are best suited for the State. We get our supply of seeds direct from growers of highest repute, and feel confident they will give good satisfaction.

**SPARKS EARLIANA** — This fine new Tomato is the earliest smooth bright red Tomato of good size. It combines more good qualities than any other extra early variety. It is very early, being two or three weeks earlier than any other good sized smooth variety. It is also wonderfully productive, the vines being literally covered with fruit. The Tomatoes are deep scarlet and grow closely together in clusters of five to eight, all of medium size, averaging two and a half inches in diameter. The flesh is deep red, with solid center and small seed cavity. It is a small seed yielder, so that the genuine stock will always be high priced. Our seed is raised from Spark's original strain. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.



Sparks Earliana.

**BONNY BEST**—Ten days to two weeks earlier than Chalk's Early Jewel, and almost as early as Earliana. Is a vigorous grower, enormously prolific. In shape it is roundish and slightly flattened at the stem end. Color intense velvety glowing red. The Tomatoes ripen evenly to the stem end, without crack or black spot and are very uniform in size. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10. lb. \$3.75.

**JUNE PINK**—This is the earliest of pink varieties of Tomatoes, similar to the popular scarlet fruited Earliana in growth of vine, shape and size of fruit and time of maturing. The fruit grows in clusters, measure three inches in diameter and are of excellent quality. Begins to mature very early and continues to bear until the vines are killed by frost. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.00. Postpaid.

**LIVINGSTON'S EARLY PERFECTION**—Similar to Acme, but larger; invariably smooth, color blood red. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.

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**TOMATO—(Continued)**

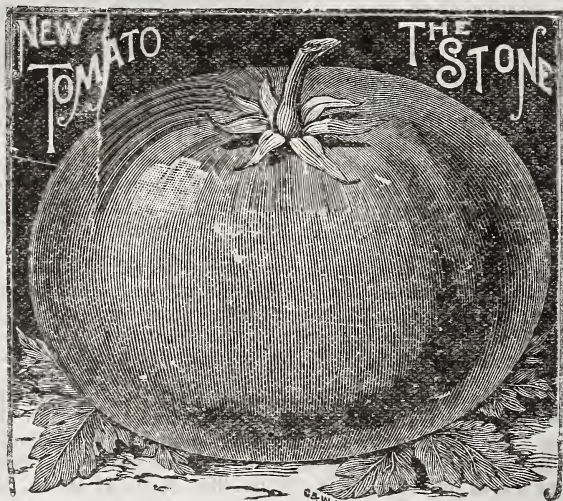
**DWARF CHAMPION**—Is extra well adapted to Texas; its stout, erect, bush-like growth enables it to withstand the strong prevailing winds. It grows about two feet high and stands quite erect without staking. In color and form the fruits are similar to the Acme. It is quite as early as any purple fruited Tomato; is very popular with Southern gardeners, as well as for home use. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.



**EARLY ACME**—Has proven the most satisfactory all-purpose Tomato, and for planting in the South it cannot be beaten. Vine large, hardy and productive, ripening its first fruits almost as early as any and continuing to bear abundantly until cut off by frost. It bears in clusters of four or five fruits of medium size, large enough for any use; form perfect, round, slightly depressed at the ends, free from cracks. Color, glossy red with slight purplish tinge; ripens all over at the same time. It is a good shipper. Its perfect form, solidity and earliness makes it one of the best to grow for the Northern markets. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.

**CHALK'S EARLY JEWEL**—Is a very heavy cropper of fine large fruit of a sweet flavor, ripening a week or ten days later than the Earliana; in color it is of a bright scarlet, ripens up to the stem, without cracks or green core, the flesh is thick and solid with few seeds; this is one of the new varieties that has come quickly to the front. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.

**LIVINGSTON'S NEW DWARF STONE**—The New Dwarf Stone is very early, equal in quality to the regular Stone, quite as productive, and like it, smooth, solid and of a beautiful scarlet color. We have often wished we had as fine a Tomato as the Stone in a Dwarf variety, as Bush Tomatoes suit the conditions of climate in Texas better than the vining varieties; and now we have got a dandy, which will be hard to beat. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.



**LIVINGSTON'S STONE**—Is a great favorite with Southern growers and market gardeners; very large, perfectly smooth, bright color. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.

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## TOMATO—(Continued)



**BLUE STAR BEAUTY**—An improved variety of the old Beauty, and grown especially for us. Our grower says it is the most perfect Tomato he ever raised; it is exceedingly well adapted to Texas and many growers report it has done better than any other variety; it grows in clusters of four to six large fruits, is of a glossy crimson color, perfect, in-shape, flesh very firm. It is productive, yielding more fruit per acre than any other kind; ripens early and evenly, and for early market cannot be excelled. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.

**McGEE**—This tomato originated in Texas, and has proven well adapted to our soils and climate, it is of vigorous growth and prolific. Fruits bright crimson in color, solid and of fine flavor, has a very small seed cavity. This variety is especially adapted to black land and will make fruit where most other varieties are failures. We would suggest that all gardeners give this tomato a trial as it will do well on sandy soils as well as black land. It has a heavy thick skin and will stand shipping, also very early and will continue to bear fruit until frost. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$4.00. Postpaid.

**LIVINGSTON'S FAVORITE**—One of the largest, perfect shaped red Tomatoes in cultivation, fresh solid, bears shipping long distances; fine canning variety. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10; lb. \$3.75. Postpaid.

**PONDEROSA**—In this Tomato you have both quality and quantity; it is the largest of the Tomato family, specimens often weighing two to three pounds each; is of a dark crimson color, with solid meat and exceptionally free from seed, of fine flavor. Pkt. 10c, oz. 35c,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.25. Postpaid.

**GOLDEN BEAUTY**—A large yellow Tomato of delicious flavor, smooth and solid, makes excellent preserves. Pkt. 5c, oz. 35c,  $\frac{1}{4}$  lb. \$1.10, lb. \$3.75. Postpaid.

**YELLOW PEAR-SHAPED**—(Livingston's) for preserving and pickling; fruit bright yellow, true pear shaped, solid. Pkt. 5c, oz. 35c. Postpaid.

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## TURNIP

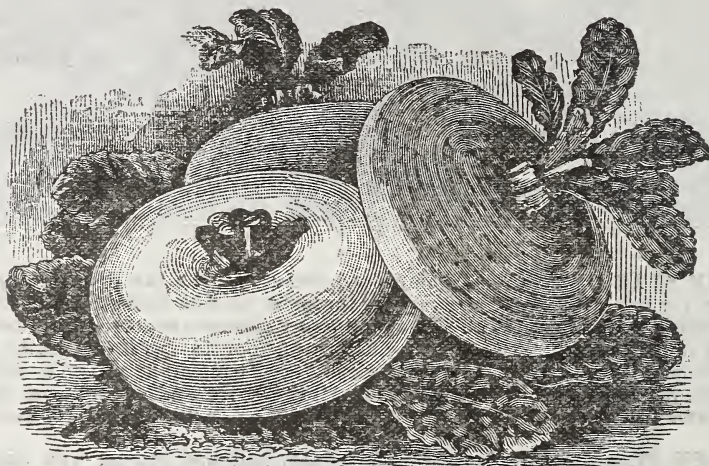
**CULTURE**—For early spring crop sow the early flat varieties, as soon as ground will permit, either broadcast, or in drills 14 inches apart, thin out to five or six inches; for fall or main crop, sow when seasonable from July to October; all varieties do well in the fall.

Turnips are easily grown in this section and every gardener should plant a patch both for Spring and Fall; they are rich in food value. After the plants are out of the ground thin out early and keep free from weeds so that the young plants will not be checked in growth. Over crowding will result in rough and poorly flavored roots. Also remember that Turnips make fine cow and hog feed.

**EXTRA EARLY PURPLE TOP MILAN**—Flat, earliest and sweetest of all. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60. Postpaid.

**PURPLE TOP STRAP LEAVED**—Flat, good for spring or fall. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**WHITE FLAT DUTCH**—Good white, early sort. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.



**EARLY WHITE EGG**—Pure white, egg shaped, very desirable. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**PURPLE TOP WHITE GLOBE**—A standard sort, good for fall. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 45c, lb. \$1.60. Postpaid.

**POMERANEAN WHITE GLOBE**—Very handhome, well adapted to the South. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**COW HORN**—Long white, resembling a cow horn; good for winter. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**AMBER GLOBE**—Solid, beautifully formed, good keeper. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**GOLDEN BALL**—Fine table variety, the best yellow for a fall crop. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**PURPLE TOP YELLOW ABERDEEN**—Hardy, productive, good keeper. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**SEVEN TOP**—For greens: very hardy, stands all winter. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 40c, lb. \$1.50. Postpaid.

**RUTABAGA, PURPLE TOP, YELLOW**—The finest for table or stock. Pkt. 5c, oz. 15c,  $\frac{1}{4}$  lb. 50c, lb. \$1.75. Postpaid.

**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**



## TOBACCO

**CULTURE**—A very clean piece of land is best for the tobacco plant beds. The seed is sown about February, and the plant bed protected by plant bed cloth to keep off tobacco flies, which often destroy the plants. When the plants are large enough and the weather is settled (about June), set the plants out in highly manured or fertilized soil, in rows three and a half feet apart and three feet between the plants. From this time constant care must be given, cultivating, suckering and examining for worms, etc. As methods of curing differ according to variety, quality and color, whether to be sun or flue-cured, it would be impossible for want of space to give even an outline of the processes required for each. One ounce of seed will sow a bed of 50 square yards.

**BURLEY**—By far the most popular sort grown in Kentucky, and said to do well in Texas; is valuable either for plug or cut tobacco, and is sometimes used for wrappers. We offer two types of this, as follows: White Burley: Pkt. 10c, oz. 40c. Red Burley: Pkt. 10c, oz. 40c.

**VUELTA DE ABAJO**—The finest, silkiest and highest flavored Havana tobacco grown. Finest crop seed. Pkt. 10c.

**CHOCE HAVANA**—An Americanized Havana, used generally for cigar purposes, although sometimes used as a manufacturing sort. Pkt. 10c, oz. 40c.

## POT, SWEET AND MEDICINAL HERBS



Sweet Basil

Sage

Marjoram

Summer Savory

French Thyme

**ANISE**—Seed aromatic and carminative.. Pkt. 5c.

**BASIL, LARGE GREEN SWEET**—Culinary herb for flavoring soup, etc. Pkt. 5c, oz. 20c.

**CATNIP**—A valuable medicinal plant. Pkt. 5c.

**CELERY**—For seasoning only, not for planting. Oz. 5c, lb. 35c.

**CORIANDER**—Seeds aromatic. Pkt. 5c, oz. 10c, lb. 50c.

**DILL**—Seeds for flavoring pickles and vinegar. Pkt. 5c, oz. 10c.

**FENNEL, LARGE SWEET**—Seeds aromatic, for flavoring. Pkt. 5c, oz. 20c.

**LAVENDER, SWEET**—Fine aroma. Pkt. 5c.

**MARJORAM, SWEET**—For seasoning. Pkt. 5c, oz. 20c.

**MUSTARD, WHITE**—For seasoning. Not planting seed. Oz. 5c, lb. 65c.

**ROSEMARY**—The aromatic leaves are used for seasoning. Pkt. 5c.

**SAGE**—Used as a culinary herb. Pkt. 5c, oz. 25c.

**SAVORY, SUMMER**—A culinary herb. Pkt. 5c.

**THYME**—Used as a seasoning. Pkt. 5c.

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## VEGETABLE ROOTS AND PLANTS

### SEED IRISH POTATOES

**SEED POTATOES**—We handle large quantities of Seed Irish Potatoes each season and are in position to quote you prices on most any quantity for Spring of 1919. We carry in stock the following well-known varieties: **BLISS TRIUMPH**, **TENNESSEE TRIUMPH**, **IRISH COBBLERS** (Second Crop), **EARLY OHIO**s and other varieties. Account of changes of prices on potatoes, we think best not to quote same in this catalog as they may advance or decline, so will ask that you advise us the quantity you expect to purchase **AND WE WILL QUOTE YOU SPECIAL PRICES.**

**ASPARAGUS ROOTS**—Palmetto, two-year old, 40c per doz.; \$1.10 per hundred. Barr's Mammoth, two-year-old, 40c per doz.; \$1.10 per hundred. Columbian Mammoth White, two-year-old, 40c per doz.; \$1.10 per hundred.

**ARTICHOKES, JERUSALEM**—Good for hogs. Write for prices.

**CABBAGE PLANTS**—Standard varieties, according to season. Please write for prices.

**EGG PLANTS**—Ready in April, 25c per dozen; \$1.50 per hundred.

**HORSE RADISH ROOTS**—35c per dozen.

**PEPPER PLANTS**—Ready in April, 25c per dozen; \$1.50 per hundred.

**RHUBARB ROOTS**—\$1.75 to \$2.25 per dozen, according to size.

**SWEET POTATOES**—We handle all varieties. Write for prices.

**SWEET POTATO SLIPS**—Write for prices at planting time.

**TOMATO PLANTS**—According to season and variety. Please write for prices.

**ONION SETS**—White Silver Skin, Yellow and Red Onion Sets, market prices. Will send one quart yellow or one quart red sets at 35c per quart postpaid. One quart White Sets at 40c per quart postpaid.

**BERMUDA AND WHITE PEARL ONION SETS**—We get in a quantity of these for Fall planting. They reach us about beginning of September. Write us then for prices.

Anyone sending us an open order for so many dollars' worth of Potatoes, Onion Sets, Roots or Plants, may rest assured we will send them as much for their money as we possibly can.

**NOTICE**—Express or freight charges on Roots and Plants to be paid by purchaser unless otherwise stated.

### TREE SEEDS

We carry stock of the following varieties; if any others are wanted we can obtain them for our customers on short notice:

	Pkt.	Oz.	Lb.
Bois D'Arc, or Osage Orange.....	\$ .05	\$ .15	\$1.00
Black Locust .....	.05	.15	1.00
Honey Locust .....	.05	.15	1.00
Hardy Catalpa .....	.05	.20	2.50

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# FIELD AND FARM SEEDS

## SELECT SEED CORN

It only requires one gallon of good seed corn to plant an acre. This makes the cost per acre very small, even though good seed corn is high in price. When you buy your seed, get the best—not the cheapest. Our seed corn is selected with the greatest care, nubbed and tipped before shelling and you can depend on it being of the very best quality.

We think the judicious farmer should mix his crop, planting some of both early and late corns; early corns are often made before the time when our occasional dry seasons set in.

Remember all our Seed Corns are straight varieties, that silk and tassel simultaneously, which is an important factor in the fructification of the ears.

We would call attention to the error many people make, when planting corn early, in having it too deep. The deeper you plant the colder the ground is, and especially with soft corns, the seed is apt to rot before the ground gets warm enough to germinate it, resulting in a poor stand. Early plantings of corn should be planted shallow if you want an early and good stand.

Last season we disappointed a great many of our friends and customers on account of being unable to make shipment of their corn orders early enough to please them. We have guarded against this for the coming year and hope to have all varieties from our different reliable growers by January 15th and there should be no reason for delays, and we suggest that you send us your corn orders as early as possible.



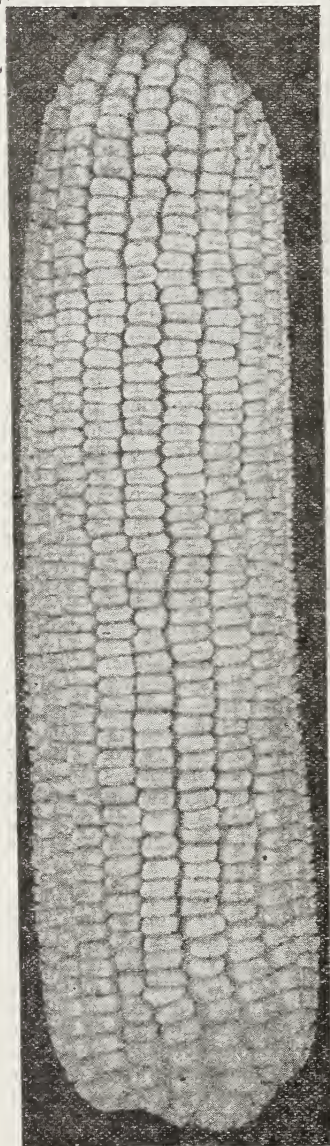
**MORTGAGE LIFTER**—This is an appropriate name for this fine large white corn. It will give satisfaction in all soils and seasons. It has been bred up for several years, and has developed into one of the largest yielding white corns known. The ear is large, thick and heavy, tapering slightly from butt to tip, and butts and tips are exceptionally well filled out. Cob is white, with 16 to 18 rows of deep grain, and matures in 115 to 120 days. We can strongly recommend this corn to our customers. Prices: Per quart 35c. Postpaid—Not prepaid. Per peck \$1.50, per bushel \$5.00. Please write for prices in larger quantities.

**GIANT YELLOW DENT**—This fine Southern grown yellow corn is a splendid variety, well suited to the South. It makes a good sized ear, with fine deep grain and is also very prolific, and stands dry weather remarkably well. It is a well bred corn, the large demand we have for it every year proves that it gives the best of satisfaction. Our stock this year is fine, every ear was carefully selected before shelling. Prices: Per quart 35c postpaid. Not prepaid, per peck \$1.40, per bushel \$5.00. Please write for prices in larger quantities.

**MOSBY'S PROLIFIC**—This corn has gained a reputation for being one of the greatest yielders in existence. The stalks are tall and bear 3 to 5 ears; the grains are long, set closely on a small white cob and very uniform in shape. It has an extra good root system and will withstand storms and drouths better than any other prolific variety. This corn matures in 115 to 120 days, it has an abundant foliage, making an extra good corn for ensilage purposes. We can strongly recommend this corn for a main crop. Prices: Per quart 35c, postpaid. Not prepaid, per peck \$1.45, per bushel \$5.25. Please write for prices in larger quantities.

**SEED CORN—(Continued)**

**SURCROPPER**—This is an excellent variety for both early and late planting. It grows a heavy stalk and a medium sized broad ear, in many instances one stalk of this variety will produce two ears of corn. We truly believe that Surcopper will make corn where many other varieties fail. It is very good in its drouth resisting qualities and will stand lots of hot weather. It will do as well as any other variety on poor land and will not be outclassed by other corn on the best soil. It requires about 110 to 120 days to mature. We have not handled this corn in the past but on account of the continued demand, we investigated most thoroughly and know it to be a variety with real merit and should be given a thorough trial in all parts of the South. Price: Per quart 35c, postpaid. Not prepaid. Per peck \$1.50, per bushel \$5.50. Write for prices in larger quantities.

**SURCROPPER**

**BLOODY BUTCHER**—This is one of the very best corns for Texas. It makes a large ear, and is a great yielder of both grain and fodder, and we believe it is one of the best drouth-resisting corns we have. It makes in about 100 days. Prices: Per quart 35c. Postpaid. Not prepaid, per peck \$1.40, per bushel \$5.00. Write for prices in larger quantities.

**STRAWBERRY**—This corn has always done well in Texas. It is large eared and a very heavy yielder. Prices: Per quart 35c, postpaid. Not prepaid, per peck \$1.40, per bushel \$5.00. Write for prices in larger quantities.

**GIANT WHITE—RED COB**—This corn has always done well in the South. It succeeds well on nearly all kinds of soil. The grain is deep, on a red cob. The ears are a good size, and of fine form, filling out well to the end of the cob. Prices: Per quart 35c. Postpaid, not prepaid. Per peck \$1.30, per bushel \$4.50. Write for prices on larger quantities.

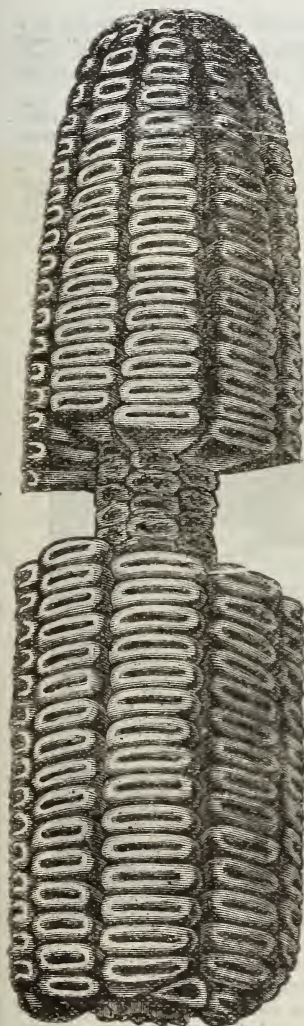
**MEXICAN JUNE CORN**—Remember, June Corn should not be planted before June. (If planted earlier, will grow nothing but fodder.) Prices: Per quart 35c. Postpaid. Not prepaid, per peck \$1.40. Write for prices on larger quantities.

**IOWA SILVER MINE**—This is one of the grandest corns ever introduced, and one that has proved a great success in Texas. From the many reports we have, the majority give this corn as yielding the best of all white varieties. Stalks grow to a height of eight to ten feet, according to location and soil, and set the ears three and a half to four feet from the ground. In going through a field of it we noticed there were no barren stalks. Every one had an ear, and many had two. It has not a large growth of fodder, having been bred essentially for grain. It has, however, plenty of blades to support the growth, and is as well rooted as any corn grown, which feature helps it materially during drouth. It is very early, maturing in eighty-five to ninety days. We recommend this variety to our customers. Prices: Per quart 30c, postpaid. Not prepaid, per peck \$1.25, per bushel \$4.00. Please write for prices on larger quantities.

**Prices Subject to Change Without Notice.**



## SEED CORN—(Continued)



HICKORY KING

**CHAMPION WHITE PEARL**—The Champion White Pearl matures in ninety days, thus giving early roasting ears in the Spring, and is also planted late for Fall roasting ears. On account of its many good qualities, the Champion White Pearl will give entire satisfaction wherever grown, and for whatever purpose. We highly recommend it for a general crop of white corn. Prices: Per quart 30c postpaid. Not prepaid. Per peck \$1.25. per bushel \$4.00. Write for prices on larger quantities.

**EARLY LEAMING**—This is the earliest Yellow Dent Corn in cultivation, maturing in eighty to eighty-five days from planting. The grain is small and long, but the rows are so close together that the ears will shell off a remarkable amount of corn. The ears are long, with small, red cob, well filled with long grains of medium size of a rich golden color. Prices: Per quart 30c, postpaid. Not prepaid, per peck \$1.25, per bushel \$4.00. Write for prices on larger quantities.

**IOWA GOLD MINE**—In this corn we have found one that combines the good qualities of all the Yellow Dent varieties. The length of the grain is one of its special features, which, combined with a medium size cob, makes it a heavy yielding corn. The color of the grain throughout is a bright yellow. Prices: Per quart 30c, postpaid. Not prepaid. Per peck \$1.25, per bushel \$4.00. Write for prices on larger quantities.

**HICKORY KING**—This corn comes nearer being all corn and no cob than any other, the corn being so large and the cob so small if you break an ear in two, one grain will cover the end of the cob. It is early. The ears are from seven to nine inches in length, and are generally borne two to four ears per stalk, making it very productive. It makes a beautiful roasting ear, is highly desirable where a pure white corn is wanted for meal. Prices: Per quart 35c, postpaid. Not prepaid. Per peck \$1.40, per bushel \$5.00. Write for price in larger quantities.

## POP CORN

**MAMMOTH WHITE RICE**—The best to plant for market. Prepaid, per lb. 35c. 10 lbs. \$2.25, not prepaid.

**QUEEN'S GOLDEN**—Pops a beautiful creamy white, fine flavor. Prepaid per lb. 40c. 10 lbs. \$2.50, not prepaid.

## BROOM CORN

Broom corn straw is still bringing a good price on the market. Farmers who understand the handling of it should find it a very profitable crop.

**IMPROVED EVERGREEN**—The fibre is long and fine, and keeps its green color well. Prepaid, per lb. 25c. 10 lbs. \$1.35, not prepaid. Write for prices in larger quantities.

**DWARF**—Grows from three to four feet high, with straight, smooth brush. Prepaid, per lb. 25c. 10 lbs. \$1.35, not prepaid. Write for prices in larger quantities.

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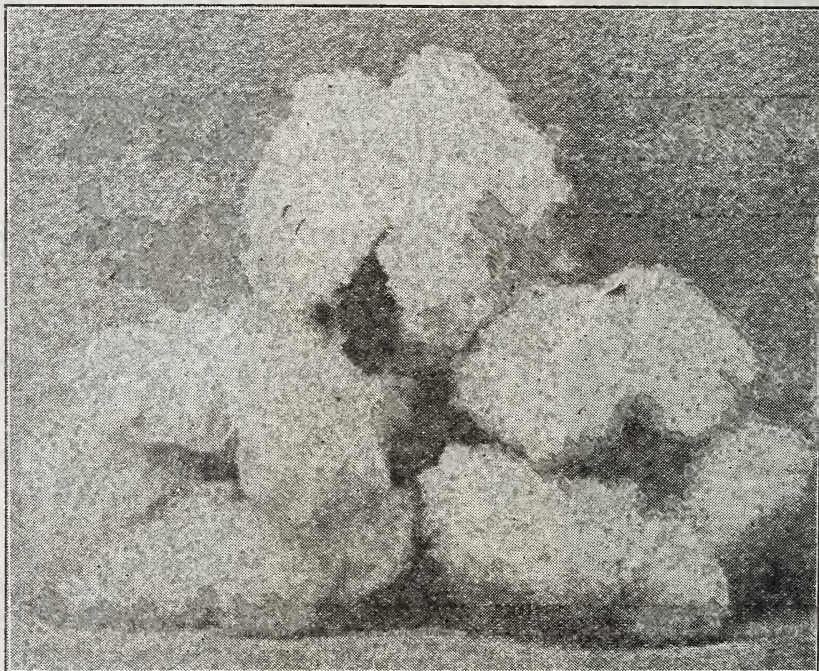


## COTTON SEED

The South is the home of Cotton and it is especially adapted to our soils and climate; it is a sure crop and means money in our pockets at ginning time. The crop this past season was very short, but this was offset to a certain extent by the good prices received for both the lint and seed. The best yields this past season were made by farmers planting the best grade seed, and we advise you to plant the best grade seed only.

Many of the growers that usually sell their seed to the mill are this year offering their seed as planting seed, in an effort to get a premium over the milling price established by the government. They will advertise this seed at a lower price than the regular market price of real planting seed and will no doubt sell thousands of bushels of it. The man that buys such seed will be the one to suffer. A small amount of money saved on the first cost of the seed will no doubt prove a loss to you at the time your crop is picked, so think twice before you invest your cotton seed funds.

We purchase our seed from the most reliable growers—in fact, the same growers year after year. We handle a great many carloads each season and are really in position to know that we get the very best seed.



**LONE STAR COTTON**—This is truly a great cotton. The picture on this page of three bolls of Lone Star are from the field which produced our planting seed. The greatest of care was used in growing, ginning and saving our seed, in order that it would be pure. This cotton has been grown with great success in many sections for the past three years, and we suggest that all of our farmer friends that have not tried Lone Star in the past, give it a trial this season. In this connection, we will say that large quantities of Lone Star cotton seed will be offered for sale from many sources where no care has been exercised in ginning, saving, etc., and you will find it economy to buy your Lone Star Cotton Seed from a reliable seed concern. The plant is of medium height with one to four limbs and many long branches. The staple is long, measuring from one to one and one-eighth inches, very strong and of uniform length. The bolls are large, requiring about forty to the pound, and produces 38% to 40% lint. The plant is very strong, making it a good storm proof variety. Lone Star cotton usually brings a premium in price over most other varieties. Our seed were grown on a large farm by most reliable growers and saved with the greatest care and as far as quality goes, it cannot be beat. Prices: Per bushel \$2.75, 5 bushels \$13.25, 10 bushels \$25.00. Write for prices in larger quantities.

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## COTTON SEED

**MEBANE'S TRIUMPH**—We feel sure we made no mistake in our estimate of this cotton. It has undoubtedly proved itself to be the best for Texas. From every quarter we have reports of extra large yields made from it, many reporting double the yield of other cottons; and we have not heard a planter, who planted our good seed, complain of it in any way; all have a good word to say for it. The many very favorable reports received from large planters and farmers, as well as the result of our own observation, leaves no doubts in our minds that it is entitled to the blue ribbon for being the earliest, most productive, and for yielding the greatest per cent of lint at the gin of any variety of cotton grown in Texas at the present time. Farmers who know this cotton say they would give \$5.00 per bushel for the seed rather than be without it. It is a cross between a long lint cotton and Texas Storm-Proof, has a large boll, five locks, short jointed, very prolific, and is well adapted to black waxy and prairie lands of any character; is also storm-proof, but, like the Rowden, is easily picked.

This is an all-round cotton for the different soils and conditions of the Southwest. More of it is sold than any other variety, consequently it has more friends than other varieties.

The seed we offer this season is from the same plantations we have been getting our supply from for years, and is grown from select Mebane seed, and has been carefully handled at the gin, under the personal attention of the grower, none but the early pickings being kept for seed, and we believe it is as fine a lot of Mebane's Triumph as can possibly be gotten. Per bushel \$2.75, 5 bushels \$13.25, 10 bushels \$25.00. Write for prices on larger quantities.

**ROWDEN**—This cotton is of Texas origin, being first raised in Van Zandt County, and is undoubtedly one of the champions of the big balled cotton.

In North Texas it has gained for itself such a high reputation that it is unnecessary to sing its praises, as most farmers and planters bank on it. For the benefit of those who have not yet planted any of it, we can say, it is an early, large boll variety, and as handsome a five-lock cotton as we have ever seen. It does not blow out easily; in that respect it is fully equal to storm-proof; at the same time it is the easiest cotton to pick in existence. Pickers are willing to take a less price to gather it than other cottons. The growing scarcity of labor in Texas at picking time makes it important to have a large balled cotton that is easily picked. The yield is most satisfactory, running much above the average. It over thirds itself at the gin, and the staple is fine, being both long and strong, commanding a premium on the market over the shorter staple cottons. We believe for the boll-weevil district that this is the best cotton that can be planted, for the reason that it puts on as much fruit that will be impervious to the weevil, as soon as the very earliest small boll varieties, only it being a larger boll it takes some days longer to mature, but the yield will be twice as much for the same number of bolls. It is the blooms and young squares, the weevils get their work in on. Another immense advantage this cotton has over most other varieties is, it is less liable to damage by the boll-worm. The burr is much tougher than that of the small boll varieties, and boll worms can not pierce them. We have known of cases where the small-bolled, thin burred cotton like Kings, were badly damaged by worms when Rowden was hardly touched. Per bushel \$2.75, 5 bushels \$13.25, 10 bushels \$25.00. Write for prices on larger quantities.

**LONG STAPLE COTTON**—We have had some extra good reports from parties who planted our long staple cotton seed, more especially from Southwest Texas, where it made fully a bale to the acre, and the staple of it was extra fine and long. We have secured some first-class seed from a grower in Red River County, who keeps his seed pure, and selects his planting seed very carefully, his crop averaging fully one bale to the acre. Price, \$1.00 per peck, \$3.60 per bushel, \$17.50 for five bushels.

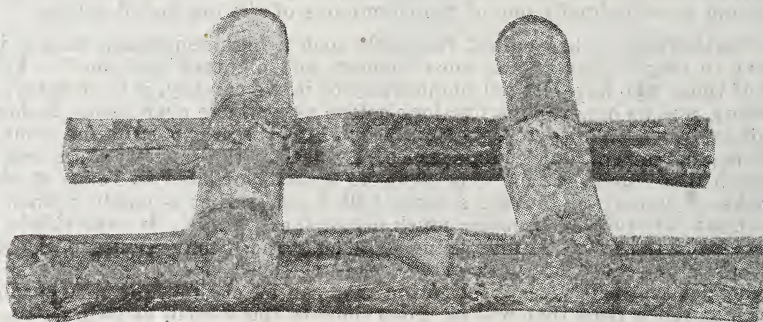
## SUGAR CANE AND FORAGE PLANTS

Owing to the extreme drouth the past year, we are again having a very short seed crop of Sorghum, Kaffir Corn, Milo Maize and all forage crops. For those living in sections subject to the drouth, we can not too strongly recommend the planting of Sorghum, Kaffir Corn, etc., as they almost certainly give them fodder the driest of all seasons; all regions are at times subject to drouth; we, therefore, think that every farmer should be on the safe side and plant some of these drouth-resisting forage plants. The drouths in past years have been beneficial, in that they have enabled many people to find out what they can do with forage plants they have never tried before. We carry a heavy stock of all kinds during the planting season, but as prices fluctuate so much, we can not quote in quantities; on open orders we always ship at market price of day order was received, your full money's worth, or you can write us for prices when planting time approaches.

**EARLY AMBER CANE**—We consider this one of the best sorghums for feed; it is very early, and on account of its sweetness and leaves, it is much relished by all stock, either in its green state or cured. It is planted extensively by dairymen and stockmen for hay, and in favorable season can be cut three times and then grazed all fall. For the best quality of hay, it ought to be planted thick,  $2\frac{1}{2}$  to 3 bushels to the acre. It makes good syrup, but being a small stalk, it is not generally planted for that purpose. Price, prepaid, 25c per lb. Write for prices in larger quantities.

**EARLY ORANGE CANE**—Is also a good forage cane, but having a large, heavy stalk, is better suited for sowing in drills for cutting green than for hay. It is very juicy and highly recommended for syrup; is 12 to 14 days later than amber. Price, prepaid, 25c per lb. Write for bushel prices.

**RED TOP OR AFRICAN CANE**—This is a variety of cane very much planted in the Panhandle and Western Texas. It is a very rank grower, and makes a large amount of fodder, and is one of the very best syrup canes. Price, prepaid, 30c per lb. Write for bushel prices.



TEXAS SEEDED RIBBON CANE

**TEXAS SEEDED RIBBON CANE**—This cane gets its name from being a variety that closely resembles the true ribbon cane raised from cuttings. It makes the finest kind of syrup. The customers who bought seed from us the past seasons are highly pleased with results. We are listing below four varieties. All make good heavy cane.

**JAPANESE OR HONEY DRIP**—Price, 35c per lb., postpaid. Please write for prices in larger quantities.

**STRAIGHT HEAD**—Price, 35c per lb., postpaid. Please write for prices in larger quantities.

**GOOSENECK OR CROOKNECK**—Price, 35c per lb., postpaid. Please write for prices in larger quantities.

**SUGAR DRIP (NOT HONEY DRIP)**—Price, 35c per lb., postpaid. 10 lbs. \$2.00, 50 lbs. \$8.75, 100 lbs. \$15.00, not prepaid.

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**SMITH'S KAFFIR CORN**

This is a variety of Sorghum non-saccharine, and distinctly different in habit of growth and other characteristics from all others of that class. The plant is low, stalks perfectly erect. The foliage is wide, alternating closely on either side of the stalks. The stalk is stout, never blown down by winds, never tangles, and is always manageable, easily handled; a boy can gather the grain heads or the fodder. The seed heads grow from ten to twelve inches in length, and the production of grain on good land easily reaches fifty to sixty bushels per acre.

It has the quality common to many sorghums of resisting drouth. If the growth is checked for want of moisture, the plant waits for rain, and then at once resumes the process, and in the most disastrous seasons has not failed, so far, to make its crop. On very thin and worn land it yields paying crops of grain and forage, even in dry seasons, in which corn has utterly failed on the same lands. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages of its growth is available for green feed, cattle, mules and horses being equally fond of it, and its quality is not surpassed by any other known variety. If cut down to the ground, two or more shoots spring from the root, and the growth is thus maintained until checked by frost. Kaffir Corn may be planted in the latter part of March or early in April. It bears earlier planting than either Millets or Sorghums. It should be put in rows not over three feet apart, even on the best land, and it bears thicker planting than any other variety of sorghum; should be massed in the drill on good land, for either green or forage purposes, and also on thin land if forage mainly is desired.

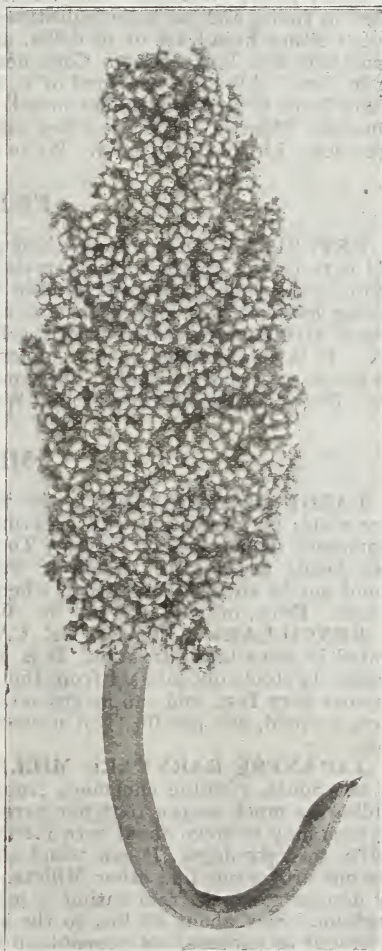
**WHITE KAFIR CORN**—Price, 20c per pound, postpaid. Write for prices in larger quantities.

**RED KAFFIR CORN**—Price, 20c per pound, postpaid. Write for prices in larger quantities.

**MILO MAIZE**

**YELLOW MILO MAIZE**—This excellent fodder plant has proved of great value during dry years in Texas. The stalks grow about eight feet high and produce a good many large leaves. It stools from the ground; also sends out shoots from the joints, all making grain heads. Can be cut two or three times, letting the last cutting mature heads. Should be planted in drills four feet apart, and cut out 18 to 20 inches in the drill. Five pounds will plant an acre. Price, prepaid, 20c per lb. Write for bushel prices.

**WHITE MILO MAIZE**—Is much the same as the Yellow Milo, except that the grain is pure white, and it makes a heavier head. It grows upright, stands dry weather well, and is an excellent variety. Price, mail paid, 20c per lb. Write for bushel prices.



YELLOW MILO MAIZE

## NON-SACCHARINE SORGHUMS

**JERUSALEM CORN**—This is another good grain to plant in dry sections. It stands drouth fully as well as any of the Dhoura Corns. It grows from four to five feet high, with one large head on the main stalk and several small heads on side shoots. The grains are pure white and nearly flat. They are not only extra fine feed for poultry and other stocks, but also make a very nutritious meal, much relished by those who have tried it. Price, postpaid, 30c per lb. Write for prices on quantities.

**EGYPTIAN WHEAT OR SHALLU**—A non-saccharine sorghum largely grown in India, and we believe destined to be widely planted in America. Can be planted either broadcast or in drills, and yields a heavy crop of excellent forage. Heads look like large Broom Corn heads, seeds are large, plump and white like Kaffir Corn. All stock are fond of it, and seed make excellent chicken feed. Meal ground from it makes excellent bread. It will stand more dry weather than cane or maize. Plant in drills three feet apart, 10 lbs. to the acre, or broadcast 50 lbs. to the ace. Lb. 30c, mail paid. Write for prices on quantities.

## FETERITA

**FETERITA**—A new non-saccharine Sorghum, claimed by almost all who have tried it to be the greatest drouth-resisting crop ever introduced in the Southwest, making good when such crops as Milo Maize and Kaffir Corn failed. Owing to its stooling habit, makes lots of forage, and often makes as many as seven heads to a plant; all stock are very fond of it. It matures earlier than either Milo or Kaffir Corn. It is also claimed to be a splendid crop to grow for silage. It should be planted in rows and cultivated the same as corn. It takes about 8 lbs. to plant an acre. Price, mail paid, 25c per lb. Write for prices in quantity.

## MILLET

**LARGE GOLDEN**—This is the favorite Millet of Texas, on account of its large yield; on good land, with a favorable season, five tons to the acre being not uncommon; makes lots of leaves. To make the best hay it should be cut green, when heads are in full bloom, if wanted for seed, must be allowed to ripen. Should not be sown before April, when ground gets warm. Three pecks will sow an acre. Price, prepaid, 25c per lb. Write for bushel prices.

**PENCILARIA, PEARL OR CAT-TAIL MILLET**—This Millet should be planted in rows like Sorghum. It is very suitable for feeding green to cows and horses. It stools out largely from the ground, and makes a great mass of foliage. It grows very fast, and can be cut several times; will keep on growing until frost. Price, prepaid, 40c per lb. Not prepaid, 10 lbs. \$2.90. Write for prices on quantities.

**JAPANESE BARNYARD MILLET**—It has done remarkably well in Texas and the South, yielding enormous crops of hay and fodder of the best quality, and yielding as much as ten tons per acre. It is much relished by horses and cattle. The seed may be sown about corn-planting time, or a little later. The crop matures in fifty to sixty days. It can stand almost any amount of rain with impunity, does not drown out like other Millets. The seed does not hurt stock, nor is there any danger to stock from eating it in the green state, like there is at times with Sorghum. Sow about 30 lbs. to the acre. Prices, by mail, prepaid, 25c per lb.; by freight or express, not prepaid, 10 lbs. \$1.25. Write for prices in quantity.

## SPELTZ OR EMMER

Yields a heavy crop of grain similar to barley, and is readily eaten by all kinds of stock. We would advise our customers to try a small patch of it. It takes 60 lbs. to plant an acre.

**SPELTZ**—Price, prepaid, 20c per lb. 10 lbs. \$1.00, not prepaid. Write for prices in quantity.

**BLACK WINTER EMMER**—Price, prepaid, 25c per lb. Write for prices in quantity.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## COW OR STOCK PEAS

The Cow Pea is certainly one of the Southern farmer's best friends. There is no surer means of increasing the productiveness of the soil than by planting Cow Peas; at the same time they are splendid feed for hogs and all other stock. They grow on any soil that is not wet or cold, and especially on soils medium or light. They absorb nitrogen from the atmosphere, and the roots reaching deep into the soil, bring up the necessary potash, thus making a complete and natural fertilizer. The Cow Pea has power greater than any other legume to extract the nitrogen or ammonia from the atmosphere, and store same in the vines and roots, so that even if the crop is cut off, the land is enriched by the roots. In the South they can be planted from April till August; if planted for peas, avoid planting them so they will not bloom in the heat of the summer, as the peas will not set in very warm weather. Can be planted either in drills or broadcast, and do well scattered in corn the last plowing. Market price on Cow Peas fluctuate. Write for prices when wanting to buy.

**WHIP-POOR-WILL**—A very early variety of Cow Peas; is a heavy yielder of peas; excellent for fattening hogs; best variety to plant for an early crop, as they make before the heat of summer. Per pound, 20c postpaid; not prepaid, 10 lbs., \$1.00. Write for prices larger quantities.

**WONDERFUL**—This is the greatest vining pea we know of, and if planted rather late, so that it blooms in August and September, will make an abundant crop of peas. We strongly recommend this variety both for feeding and soiling. Prices on application.

**CLAY**—Good variety of vining peas, but very scarce. We will try, if possible, to have a stock of them. Write for prices.

**BLACKEYE PEAS**—Belong to the same family, and are very productive in this country. They are a fine table pea. The vines also make good fodder. Price, prepaid, 30c per lb.; not prepaid, 10 lbs. \$1.75. Write for prices in quantity.

**CREAM PEAS**—This pea surpasses Black Eye, Lady and all other peas for table use. It has a delicate flavor and cooks nicely. Peas are of a medium size and cream color. We should strongly advise customers to try a few. Price, prepaid, 30c per lb.; not prepaid, 10 lbs. \$1.75. Write for prices in quantity.

**BLACK PEAS**—Account of the demand for this variety, we are listing them in our catalog, but our supply is very limited, so suggest that you order early. It is an excellent variety and good hay yielder. Price, 20c per lb. postpaid; not postpaid, 10 lbs. \$1.00. Write for prices in quantity.

## SAND OR WINTER VETCHES

We believe this variety of stock pea will be planted very generally, especially for winter and early spring grazing. It belongs to the same family as the Cow Peas, but has this advantage over them, that it can stand heavy frosts, and in our Southern climate will grow all winter. We have had some customers from Louisiana and Southern Texas who planted Winter Vetches in their Bermuda pastures, splitting the sod and dropping the peas, in this way making a splendid winter pasture, when the Bermuda is perfectly dormant, and at the same time greatly improving the soil, causing a much more luxuriant growth of grass in the spring and summer. (We might mention here that Bermuda gets turf-bound, and the splitting would improve its growth even without the peas). If farmers would plant more of the soil-improving forage plants, they would not feel the drouths half as bad. Best time to sow Vetches is in September and October. Half a bushel Rye and thirty pounds of Vetches per acre will make a fine winter pasture. Price, prepaid, 45c per lb.; not prepaid, 10 lbs. \$3.00. Write for prices on larger quantities.

## FIELD BEANS

**MEXICAN PINTO BEANS (Frijoles)**—This now very popular bean is extensively grown in New Mexico and the dry sections surrounding. It is similar to the California Pink Bean, only it is spotted and lighter in color, but when cooked turns dark pink or red. It grows very quickly and is one of the best producers under dry conditions ever planted. It has done well in the Panhandle and Western Texas, and we believe will produce a welcome addition to the food crops of the dry sections of Texas. They are excellent when cooked, highly nutritive, and much preferred to other varieties. Price, 30c per lb., mail paid. Not prepaid, 10 lbs. \$1.70. Write for prices on larger quantities.

**SPECKLED VELVET BEANS**—The Velvet Bean, or more properly, "Pea" (as it belongs to the pea family) is a vining or climbing plant, growing to forty and fifty feet, with branches literally covered with foliage. It is a nitrogenous plant, enriching the land to a remarkable degree, and is strongly recommended for planting in orchards for fertilizer. As soon as danger of frost is past, plant in rows four feet apart and one foot in the row, two or three beans to a place. Cultivate once or twice to give vines a start of weeds or grass. They grow very rapidly, and in two months the under leaves begin to drop off, and by fall the mulch of leaves is often 6 to 8 inches deep. It is claimed the growth is so dense it will kill out Johnson and Bermuda grass. Stock eat the vines and bean readily. In Florida they grind and boil the beans for horse, hog and cow feed. Price, prepaid, 25c per lb.; not prepaid, 10 lbs. \$1.25. Write for prices on quantities.

**SOY OR SOJA BEAN**—This variety has been extensively advertised as the Coffee Bean, the seed being sometimes parched and ground for use as coffee. Plants grow to a height of 1½ to 2 feet, and are very productive. The plant, being a legume, is a good soil enricher; also makes very nutritious forage. Plant in drills 3 feet apart, one foot apart in the row, dropping two beans in a hill. Price, prepaid, 25c per lb.; 10 lbs. \$1.50 not prepaid. Write for prices on quantities.

**THE TEPARY BEAN**—This Bean has been grown in some section of the United States for a hundred years or more. It is similar in size and looks like the Navy Bean. It is an excellent drouth resister and a great soil builder, the hay is also of fine quality. The United States Department of Agriculture states that the Tepary Bean will make on an annual rainfall of only seven inches. Plant about fifteen pounds to the acre. Plant after danger of frost up to August 20th. Price, 30c per lb. postpaid; 10 lbs. \$2.00, not prepaid. Write for prices on quantities.

## PEANUTS

There has been a marked increase in the acreage planted in Peanuts, many farmers having made quite a success with them. They make a splendid feed for hogs, while the largest varieties find a ready sale for parching. They can be planted from April to July.

**SMALL SPANISH**—An early and very prolific variety, which grows erect and does not spread on the ground like the other kinds. Can be cultivated entirely with a plow, and are easily gathered, as all the peas hang close to the roots. The tops when harvested make good hay. The fruit is smaller than the Virginia, but is very solid, and the plants yield heavier, and are well suited to the climate and soil of Texas. They are excellent for fattening hogs. Prepaid, per lb. 25c; by freight or express not prepaid, 10 lbs. \$1.50. Write for prices on larger quantities.

**VIRGINIA JUMBO**—The largest peanuts grown; are the favorites for parching. They are of a spreading habit, and are cultivated in ridges, like sweet potatoes. In a favorable season they make a large yield. Prepaid, per lb. 35c; by freight or express not prepaid, 10 lbs. \$2.50. Write for prices on larger quantities.

**LONG RED**—A variety chiefly raised for hog feed; the kernels are deep red in color; each nut contains from two to four kernels. This variety does well on both heavy black and sandy land. Prices, prepaid, per lb. 35c; by freight or express not prepaid, 10 lbs. \$2.50. Write for prices on larger quantities.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## MANGELS AND STOCK BEET

Sugar Beets and Mangels are the most relished by all kinds of farm animals, and they head the list not only on account of their large yields, but also for their qualities. They are more juicy, contain more sugar and are the most profitable crop to raise. They also stand more heat and drouth than Turnips and Rutabagas. We would like very much to see a large increase in the planting of this root crop. The feeding of mangels for stock cannot be overestimated. They are unquestionably what are needed in our dry climate. Farmers will find that they are not only a cheap feed for stock, but one that is greatly enjoyed and eagerly devoured; besides, they keep the cattle in a fine, healthy condition and greatly hasten their fattening for market. They also increase the yield of milk in cows very much. In feeding them, they should be sliced, and if mixed with cut straw and a little bran or other crushed feed, so much the better.

**MAMMOTH LONG RED MANGEL**—A large well-formed variety, blood red, very nutritious and a good keeper. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**GOLDEN TANKARD MANGEL**—(Fig. 4. See Group of Beets.) This is an entirely distinct type of Mangel, which is highly prized wherever introduced. In England it is largely grown by dairymen and sheep raisers. The former prize it not only for its great yield, but for the rich character of the milk it produces, while the latter claim sheep fed on it thrive better and appear in much finer condition. It differs from all other Mangels, being deep yellow colored flesh to the core. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

**GIANT FEEDING SUGAR BEET**—A strain of beets very desirable for stock feeding, affording not only a very large crop, but exceedingly rich in sugar and other nutritive elements, and is a much better beet for stock feeding than the small sugar beet. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 30c, lb. \$1.00. Postpaid.

## DWARF ESSEX RAPE

Rape is much like the Swedish turnip, or rutabaga, in appearance, but the root is more like that of a cabbage.

Under ordinary field conditions, the plant reaches a height of from one and a half to four feet, and the strong growing roots penetrate the soil to a considerable depth.

For its best development, rape requires a rich, moist, loamy soil, and will usually do well on any but light sandy soils and stiff clays, such soils being usually deficient in vegetable matter. In general, a soil that will produce good crops of turnip, cabbage, wheat and corn will be suitable for rape.

Rape has a high feeding value. It makes an excellent feed for fattening sheep and swine, and for producing an abundant flow of milk in milch cows, is also a valuable food for young lambs at weaning time, and will endure quite severe cold weather, and thus last a long time after the ordinary pasture grasses succumb to the frost.

With sheep and cattle, care should be taken at first not to allow the animals to eat too much, as there is danger of injury from bloating. Hungry animals should not be allowed to eat their fill, and it is best not to turn them into the rape when the leaves are wet. There is no danger of bloating with swine. It is an excellent plan to have the field so arranged that the sheep and cattle have access to an open pasture as well as the rape. Animals should have free access to salt at all times when being pastured on this crop.

Throughout the Southern States rape should be sown in September and October, and again in February and early March. If sown in drills, four to five pounds; if broadcast (which we believe best for the South), seven to eight pounds to the acre. Price, prepaid, 30c per lb.; not prepaid, 10 lbs. \$1.85. Write for prices in larger quantities.

## BUCKWHEAT

Sown principally in Texas for bees. Generally planted in May and June.

**JAPANESE**—Prepaid, per lb. 25c; not prepaid, 10 lbs. \$1.25.

**SILVER HULL**—Prepaid, per lb. 25c; not prepaid, 10 lbs. \$1.25.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

## WHEAT

**WHEAT—NICARAGUA, OR MACARONI**—This is a hard wheat which is yearly growing more popular in Texas. It is the only wheat we have which will succeed well planted in the spring. The government is strongly recommending it for planting in the semi-arid portions of the State, as it withstands drouth better than any other variety of wheat. It yields immensely. We have known crops making as high as 35 bushels to the acre, and have heard of some much larger. It is the best wheat known for making macaroni. Besides, the mills here say, as soon as they can get it in sufficient quantities, they will grind it. Flour made from it makes healthier bread than that from soft wheat. It has great fattening properties, will help out the feed question considerably when corn is short. Sown in the fall, it makes splendid pasture. Per bushel, \$3.25. Write for prices in larger quantities.

**WHEAT, MEDITERRANEAN**—We carry some choice seed of this variety in fall. We find select seed raised in Northern Texas has yielded much better than the so-called high-bred wheat from Oklahoma. Write for prices.

**MIRACLE WHEAT**—This wheat has been thoroughly tested the last few years, and has proved a great success in North Texas. It is a pure soft bearded wheat, has a large plump berry, and does not shatter like Mediterranean, it has a strong growth and makes good pasture, and we believe is one of the best wheats for this country. We are needing just such a wheat, since nearly all our old varieties have become mixed with hard wheat, which injures the price. Write for price in fall.

**WHEAT, FULTZ**—(Soft, smooth head)—This wheat has done remarkably well in Texas. It has the advantage of being two weeks earlier than Mediterranean, enabling the farmer to have it cut and threshed and out of the way ahead of the rush. Write us in the fall for prices, if wanting some good seed wheat.

## BARLEY

**BEARLESS BARLEY**—This is a spring Barley, which, owing to the absence of beards, makes it a very desirable stock feed. It has been gradually growing in favor in this country, and it has proved to grow successfully and make a good yield. It ripens early, coming in ahead of oats, thereby helping out a short corn crop considerably. We advise planting end of February to middle of March. Per bushel, \$2.75. Write for prices in larger quantities.

**BARLEY**—(Winter). In procuring Barley for fall planting we have to be very particular, as the scope of the country in which Barley is grown in the winter is very limited. Grain dealers will offer to ship us winter Barley from districts where none is raised. For these reasons, when we cannot get Barley in Texas that we know has been grown in the winter, we have to go to some reliable seed dealer in Tennessee to get the true Winter Barley, often having to pay 20c to 25c per bushel more for it than the St. Louis market price. Past experience, however, has proved we acted wisely, and to our customers' interest. Write for prices.

## OATS

**TEXAS RED RUST PROOF**—Is the finest oat grown, and we believe the grade has been by careful selection of seed stock greatly improved the last few years. The yield has been extra heavy the past two years, especially from Fall sown crops. Many crops going as high as eighty bushels to the acre. We recommend early Fall and early Spring planting. As prices fluctuate, write for prices if wanted in quantity. Per bushel, \$1.50. Write for prices in larger quantities.

## RYE

**RYE**—Planted for Fall and Winter pasture, will stand more freezing than any other grain, as it lies close to the ground in cold weather, it does not make as early pasture as barley, oats or wheat, but continues to afford grazing longer than any of them, as it does not run to seed as early. Write for prices.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## CHUFUS OR EARTH ALMONDS

A grass nut largely grown in some sections for feeding to hogs; they are very prolific, and are one of the most fattening feeds known; after the crop is grown, hogs can be turned into the field, thus saving the expense of harvesting them. Plant in May and June, in rows 2 to 3 feet apart, dropping 3 to 5 Chufas every 15 inches. If for any reason the stand is not perfect, plants can be transplanted. They should be plowed and hoed about twice. The seed will grow better if soaked for 3 or 4 days before planting. Pkt. 10c, lb. 30c, postpaid. Write for prices in larger quantities.

## TEOSINTE

A large fodder plant, resembling Indian corn, except that the leaves are broader. Grows about 12 feet high and stools heavily, producing as many as 40 stalks from a single seed. It is excellent for stock feeding, either green during summer, or dry during winter; is more nutritious and better liked than corn fodder by stock of all kinds. Sow in May or June, in drills about 4 feet apart, using 4 pounds of seed per acre. Price, prepaid, oz. 15c,  $\frac{1}{4}$  lb. 35c, lb. \$1.00.

## SUNFLOWER

**MAMMOTH RUSSIAN**—This variety is largely cultivated for the seed. The plants produce large heads, measuring twelve to fifteen inches in diameter, which contain an immense quantity of large seeds, that make a valuable and healthy food for fowls, who eat them greedily, fattening well and causing the plumage to take on a bright, lustrous appearance. They are also good for making chickens lay. Small rations of the seed fed to horses and other stock during winter months serve to keep them in fine, healthy condition. It is also claimed they will keep off malaria. Price, prepaid, 25c per lb.; not prepaid, 10 lbs. \$1.50.

**FLAXSEED**—Prepaid, 30c per lb.; not prepaid, 10 lbs. \$1.50.

## A FEW WORDS ON GARDENING AND FARMING

### THE BUSY MAN'S GARDEN.

The city home vegetable garden offers an opportunity for the busy man to contribute his part toward food production. A small amount of good seed, a plot of ground well prepared and the recreation time of almost any business man will produce the greater part of the fresh vegetables for any ordinary family. The seedsmen can supply the seeds, there are thousands of idle back yards and vacant lots in our cities and there are still more thousands of business men, store and office clerks and shop workers who have the spare time to grow a garden. It is essential to our national welfare that the seeds be planted on the idle land by the people who have the time to do the work mornings and evenings and whose own tables will provide a market for whatever they produce.

### FEEDING ON YOUR FARM.

Sorghums are practically equal to corn as silage plants, and in the dry regions good crops may be grown in seasons when corn fails more or less completely.

Utilizing pastures to the limit of their capacity is good economy. The best system is to have two fields to graze alternately.

Forage is the most easily grown and easily harvested of all crops. Utilize your idle land for forage and pasture. It will interfere but little with your other farm operation.

Feed or sell your forage; do not leave it in stocks to rot in the fields.

Millet is a valuable catch crop for hay and can be seeded at any time that will give it seventy days' growth before frost.

Rape is excellent feed for hogs and sheep.

## ALFALFA AND CLOVER SEEDS

Prices of Grass and Clover Seed given below are subject to fluctuation of the market, but the purchaser may depend on having them at the price ruling from store the date of shipment, and of the best quality, and that we will always send as much seed as the money received will pay for. Price on one pound lots is quoted postpaid; larger quantities by freight or express at buyer's expense. Will be glad to quote on large quantities by letter.

**ALFALFA**—The demand for this valuable forage plant is steadily increasing. It is becoming quite a staple in the Southern States, both for hay and winter grazing.

It is particularly well adapted to the soil and climates of Texas, and although a great yielder it does not impoverish the soil, but rather improves it. The past dry years have proved that where Alfalfa is well established it can withstand the worst possible drouths. We have seen patches of Alfalfa perfectly green when everything round about was dried up. Take care of it the first summer and after that with moderately fair treatment it can take care of itself. We have many customers who increase their acreage every year and believe that most farmers who find their land suitable for it will do the same. It succeeds best on deep loamy soil, also does well on black, rolling prairies; does not do well on stiff, low, wet clay soil. Is almost perpetual. We know of patches that are fully fifteen years old, and are as good now as at that time. The roots penetrate the soil 12 to 15 feet, getting moisture and plant food that can not be reached by any other plant. Land ought to be in a first class state of cultivation before sowing, thoroughly plowed and harrowed; put 20 to 25 pounds of the best seed on an acre. If seasonable plant in September and October, and in spring, February and March. We do not recommend planting



along with grain crops, as the grain is cut at the very hottest time of the year, exposing the tender plants to the strong sun. What is wanted is a good even stand at the start. It does not pay to have to patch it up. A broadcast seeder is good for sowing Alfalfa. We do not recommend cutting more than once the first year; after that two to four crops can be cut, besides getting good winter grazing. Be careful not to over-pasture. We have known people to turn twenty head of stock on a five-acre Alfalfa patch, which is sure to ruin it. One head to the acre is enough, and then watch not to have it eaten too closely. An Alfalfa patch is too valuable to be abused. There is no crop grown in the South that will give as good a return. Taking quality into consideration, we can successfully compete with any house in the business. Price, choice grade seed, 40c per lb., postpaid. Not prepaid, 10 lbs. \$3.00, 100 lbs. \$25.00. Write for prices on large lots.

**TURKESTAN ALFALFA**—Owing to present conditions in Europe, this seed is scarce. Price, 50c lb. postpaid. Write for prices in larger quantities.

**CRIMSON CLOVER**—An annual variety grows about two feet high; is an immense yielder, and after cutting immediately commences to grow again; sow 15 lbs. to acre. Price, prepaid, 50c per lb.; not prepaid, 10 lbs. \$3.50. Write for prices larger quantities.



**CALIFORNIA BURR GLOVER**—A winter growing variety, furnishing pasturage from fall until early summer. It is an annual, but reseeds itself upon the land. It is being sown considerably on bermuda sod, in that way furnishing pasture when the Bermuda is dormant, the sod ought to be scarified to enable the seed to take root in the soil. Sow in August or September 15 lbs. of hulled seed to the acre. Stop pasturing in April so that the seed may mature. When planted on cultivated land, the land can be planted in corn or cotton, by leaving one foot unbroken between the rows, on which enough seed will mature; middles can be broken out after clover dies. Price, hulled seed, 30c per lb., postpaid. Not prepaid, 10 lbs. \$1.80, 100 lbs. \$16.00. In the Burr 25c per lb., postpaid. Not prepaid, 10 lbs. \$1.40, 100 lbs. \$12.50.

**ALSIKE, OR SWEDISH CLOVER**—Hardy and stands dry weather; sow 8 to 10 lbs. per acre. 45c per lb., postpaid; not prepaid, 10 lbs. \$3.50.

**WHITE DUTCH CLOVER**—An excellent clover for pasturage, also good for lawns; flowers very sweet. Price, prepaid, 75c per lb.; not prepaid, \$6.00 per 10 lbs.

**RED CLOVER**—Sown in winter in the South; 8 to 10 lbs. to the acre. Price, prepaid, 60c per lb., not prepaid, 10 lbs. \$4.50.

**JAPAN CLOVER**—This is essentially a Southern Clover, and should not be planted much north of the 36th latitude. It is a native of China, from whence it got to Japan, where it flourished and spread over the entire country, improving the soil to a remarkable extent and filling up the waste places with luxuriant forage. Since its introduction on the Atlantic seaboard it has been gradually forging west. Already a good many people in Texas have tried it and find it a valuable stock feed. On sand, gravel, or bare clay hill tops, no other plant known is so valuable for grazing. It does equally well on rich soil. Few forage plants will yield so much or so valuable hay. The roots penetrate deep down in the subsoil, making it a great drouth resister. Sow in spring, 15 to 20 lbs. per acre. Price 75c per lb. postpaid. Write for prices in quantity.

**SWEET CLOVER**—White Bloom—(*Melilotus Alba*)—A tall, rapid growing, white-flowered sort, excellent for bee food. Price, prepaid, 50c per lb., not prepaid, \$4.00 per 10 lbs. Write for prices in quantity.

## GRASS SEED



Kentucky Blue



Orchard



Red Top



Timothy

**MEADOW FESCUE, TRUE ENGLISH BLUE GRASS**—It is a fine pasture grass; will grow in the shade under trees; it succeeds best on moist soil; sow in spring or fall, 30 lbs. to the acre. Price, prepaid, 50c per lb.; not prepaid, \$3.50 per 10 lbs.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

## GRASS SEEDS—(Continued)

**JOHNSON GRASS**—Seed of this variety is very scarce. We have a limited supply. Please write for prices.

**BERMUDA GRASS**—The most suitable grass for the South; is very valuable for its drouth resisting properties, and for a summer pasture it should be planted everywhere; it also makes a beautiful lawn, and is good to sow on embankments, as it binds the soil together with its shoots and roots. Sow when the ground gets warm, March to May, or in early fall; 6 to 7 lbs. per acre. Price, prepaid, 75c per lb. Not prepaid, \$6.00 per 10 lbs. Write for prices on larger quantities.

**KENTUCKY BLUE GRASS**—Well known pasture grass, and combined with white clover makes a close lawn grass, for which purpose sow 50 lbs. to the acre; for pasture, 25 is sufficient. Fancy re-cleaned seed, the best to be had. Price, prepaid, 50c per lb.; not prepaid, \$3.50 per 10 lbs.

**ORCHARD GRASS**—This is one of the best grasses for pasturing. It is very early and the last to yield to frost. Succeeds well on all lands (not wet); good to plant in orchards and woodland pastures. Can be sown both in fall and spring. Sow 25 lbs. to acre. Price, prepaid, 45c per lb.; not prepaid, \$3.50 per 10 lbs.

**RED TOP**—A good grass for moist soil. Solid seed. Price, prepaid, 40c per lb.; not prepaid, \$2.50 per 10 lbs.

**HUNGARIAN AWNLESS BROME GRASS**—This closely resembles, Rescue Grass, but is more leafy, finer stalked and more erect. It grows quick and strong, providing splendid pasture or hay. It grows again quickly after being mown. We consider it the ideal grass for hot, dry regions and thin soils. It takes 35 lbs. to the acre. Price, prepaid, 50c per lb. Write for prices on larger quantities.

**TIMOTHY**—The finest grass for hay; sow 12 lbs. to acre. Price, prepaid, 35c per lb.; not prepaid, \$2.00 per 10 lbs.

**COLORADO GRASS**—A Western Texas grass of great value, both for fall grazing and hay. It will come up in corn fields after they are laid by, making an abundant growth of forage. The growth is much heavier than crab grass and is better suited for making hay. Like crab grass is re-seeds itself and will come up year after year. Sow 25 lbs. per acre. Price, prepaid, 35c per lb. Write for prices on larger quantities.

**RESCUE GRASS**—This is the best winter grass we have in the South and deserves the attention of everyone who has stock to graze in the winter. It grows best on rich, loamy soil, a little shade will not harm it. We should not advise sowing this grass on poor land with the expectation of getting a remunerative return. The land ought to be well plowed and harrowed before sowing. Sow 30 to 35 lbs. to acre in August or September, so that the first fall rains may start it to grow. With early rains it will make good grazing by December and last till April. After that it will mature seeds. It is an annual, but seeds itself. After the grass dies down in summer a crop of cow peas or Japan Clover can be planted, but should be harvested in time to allow the Rescue Grass to start again in the fall. Price, prepaid, 35c per lb.; not prepaid, \$2.00 per 10 lbs., \$18.50 per 100 lbs.

**TALL MEADOW GRASS**—We find it is considered valuable grass for permanent pasture on account of its early luxuriant growth, and is especially adapted for rather dry, light soil. We wish any of our friends who try this grass would kindly report results, giving kind of soil sown in. Sow 30 lbs. to the acre. Price, per lb., 50c, mail paid; not prepaid, 10 lbs. \$4.00.

**MIXED LAWN GRASS**—A very fine mixture of grasses and white clover; does not run like Bermuda grass; sow 30 lbs. per acre. Price, prepaid, 50c per lb.; not prepaid, \$4.00 per 10 lbs.

**FOR OTHER VARIETIES**, write us for prices, etc.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## SUDAN GRASS

The Greatest Hay and Forage Crop Introduced in Years.



SUDAN GRASS [See Description]

Sudan Grass is truly a profitable crop and anyone that has given it a trial are highly pleased with their results. On this page we show a picture of a stalk of this wonderful grass grown from one seed, at Bridgeport, Texas. There were 227 stems from one root and the stand was eight feet tall. The gentleman shown in this photograph is a big man, but he don't look so large along side of the stalk of Sudan Grass.

This new forage crop is of immense value to Texas and other States that are deficient in rainfall. It has been thoroughly tested in different parts of our State, and everywhere proved a great success. It resembles Johnson grass, and has all its good qualities, but has a true grass root, and being an annual, can be easily gotten rid of if desired. Sudan grass will not sprout from the roots after frost has killed the plant.

It makes splendid hay, which is much relished by all kinds of stock. It grows quickly and can be cut several times during the season. The plant stools out wonderfully, and produces under favorable conditions as many as 100 stalks to a single root.

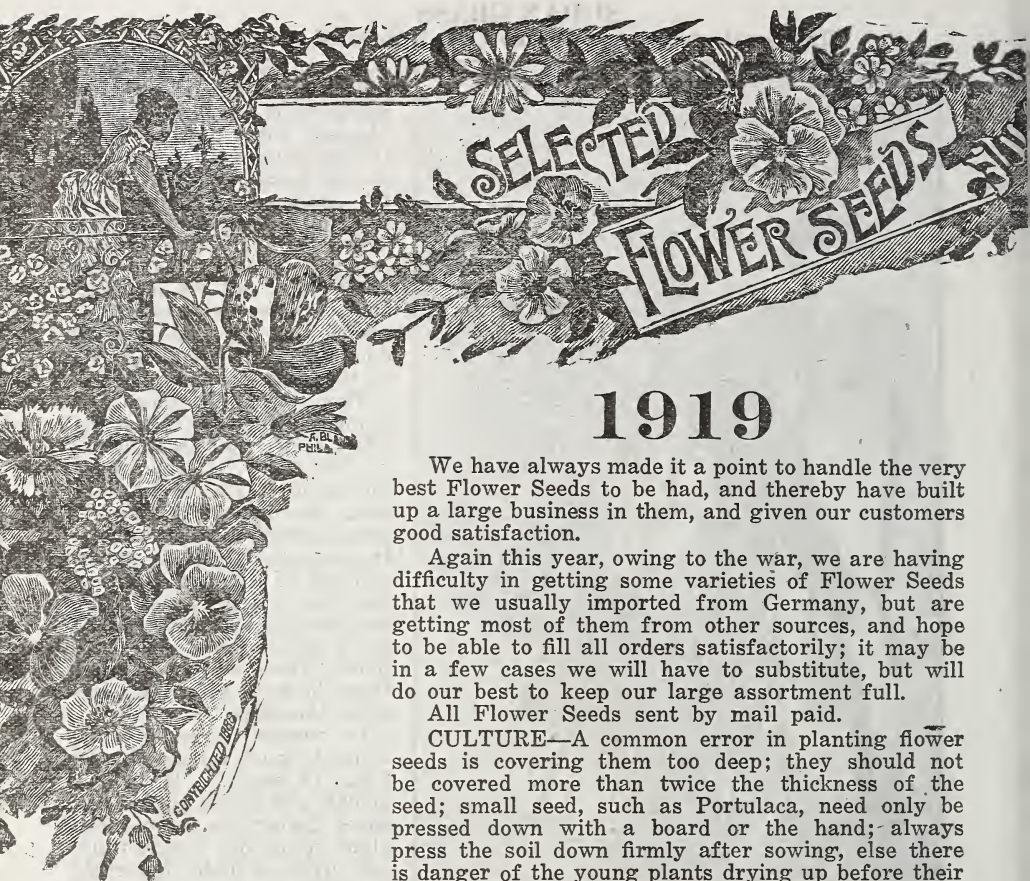
Sudan Grass should not be planted until the soil becomes warm in the spring, planting in cold soil only delays germination, and dwarfs the early growth.

If planted for seed, plant in rows 30 to 36 inches apart, when 2 to 3 pounds of seed is sufficient for an acre, but for hay purposes, close drills or broadcast is best, when 15 to 20 pounds of seed per acre is necessary. Crop very short past season and seed scarce. Price, 45c per lb. prepaid. Please write for prices in larger quantities.

**RHODES GRASS**—Rhodes Grass is proving a great boon to the farmers and stockmen of the South; it is a recent introduction to this country, is a perennial and is especially adapted to parts of the country where the temperature does not go below 18 degrees in winter, it is apt to be killed if colder than that; from all accounts it has proven a great success all along the Gulf Coast of Texas, Louisiana, Alabama and Florida. On good soil it makes fine hay, growing about 4 feet high, with a fine leafy stem, easily cured, and in ordinary seasons can be cut several times. On deep soil it will withstand more dry weather than any grass known, at same time plenty of rain does not affect it adversely. It should be planted broadcast on well prepared land during February, March or April, and brushed or lightly harrowed in, seed is slow in germinating, usually taking 3 to 4 weeks; it takes from 6 to 8 lbs. to sow an acre, and as seed is light, it is advisable to sow on a calm day to insure seed being sown evenly. Price, prepaid, 70c per lb.; not prepaid, \$5.50 per 10 lbs. Write for prices in larger quantities.

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# 1919

We have always made it a point to handle the very best Flower Seeds to be had, and thereby have built up a large business in them, and given our customers good satisfaction.

Again this year, owing to the war, we are having difficulty in getting some varieties of Flower Seeds that we usually imported from Germany, but are getting most of them from other sources, and hope to be able to fill all orders satisfactorily; it may be in a few cases we will have to substitute, but will do our best to keep our large assortment full.

All Flower Seeds sent by mail paid.

**CULTURE**—A common error in planting flower seeds is covering them too deep; they should not be covered more than twice the thickness of the seed; small seed, such as Portulaca, need only be pressed down with a board or the hand; always press the soil down firmly after sowing, else there is danger of the young plants drying up before their roots can get hold of the soil. Flower seeds generally succeed best in rich soil; some leaf mold out of the woods is good to put on the beds.

	Height Inches	—Price—	
		Pkt.	Oz.
Adonis Aestivalis, early blooming, crimson.....	12	.05	....
Ageratum Mexicanum, for bedding and edging, blue.....	15	.05	.40
Ageratum Mexicanum, Imperial Dwarf.....	6	.05	....
Agrostemma Ceeli Rosa ("Rose of Heaven"), rose color.....	12	.05	....
Althea Rosea, see Hollyhock.			
Alyssum Benthami (Sweet Alyssum), Trails, white and fragrant	6	.05	.40
Alyssum Compactum (Little Gem), good for florists.....	4	.05	....
Amaranthus Caudatus (Love Lies Bleeding), graceful, showy flower.....	30	.05	.30
Amaranthus, tri-color (Joseph's Coat), valuable for bedding, fine foliage.....	diff.	.05	.30
Amaranthus Cruentus (Prince's Feather), red foliage.....	30	.05	....
Antirrhinum, see Snap Dragon.			
Aquilegia vulgaris fl. pleno (Canterbury Bell), mixed color.....	24	.05	....
Aster, Dwarf Chrysanthemum, white, fine for cut flowers.....	12	.10	....
Aster, Dwarf Chrysanthemum, mixed colors.....	12	.10	....
Aster, Dwarf Victoria, mixed colors.....	18	.10	....
Aster, Comet, finest, mixed colors, beautiful curved petals.....	15	.10	....

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## FLOWER SEEDS—(Continued)

	Height Inches	—Price— Pkt. Oz.
Aster, Quilled, mixed colors.....	18	.05
Balsam (Lady Slipper) Double Dwarf, mixed, beautiful free bloomers.....	18	.05 .40
Balsam, Double Rose Flowered, mixed, flowers large, perfect shape.....	18	.10 1.00
Batchelor's Button, see <i>Centaurea cyanus</i> .		
Bartonia aurea, golden yellow, very fragrant in the evening.....	36	.05
Bellis perennis, see Daisy.		
Blanket Flower, see <i>Gaillardia</i> .		
Blue Bottle, see <i>Centaurea cyanus</i> .		
Burning Bush, see <i>Kochia Tricophylla</i> .		
Calendula Meteor (Pot Marigold), light golden yellow.....	12	.05
Calliopsis Coreopsis, very showy annuals.....	12	.05
Calliopsis, mixed colors.....	12	.05
Candytuft, Dwarf White, showy annuals for beds, useful for cutting.....	6	.05 .25
Candytuft, Dark Crimson, showy annuals for beds, useful for cutting.....	12	.05 .25
Candytuft, Dwarf Hybrids, mixed, useful for cutting.....	9	.05 .25
Candytuft, White Rocket, showy annuals for beds, useful for cutting.....	12	.05 .25



Aquilegia Vulgaris



Balsam



Cockscomb

California Poppy, see <i>Eschscholtzia</i> .		
Canna (Indian Shot), mixed.....	48	.10 .35
Canna, Crozy, mixed.....	36	.10
Carnation, Early Flowered Vienna, mixed.....	12	.10
Carnation, Margaret, finest mixed, especially adapted for outdoor culture, blooms in four months from sowing.....	12	.15 2.00
Carnation, Margaret, white.....	12	.15
Castor Oil Bean, fancy mixed.....	60	.05
Celosia, see Cockscomb		
Centaurea Cyanus (Bachelor Button), Blue Bottle or Corn Flowers.....	18	.05 .20
Chrysanthemum, annual sorts, mixed.....	18	.05 .40
Chrysanthemum, frutescens (Paris Daisy), white, yellow center	12	.10
Clarkia elegans, single and double, mixed, free flowering.....	18	.05
Cockscomb, dwarf, mixed, very ornamental, crested.....	9	.10
Cockscomb, Glasgow prize, crimson, very large.....	12	.10

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## FLOWER SEEDS—(Continued)

	Height Inches	—Price— Pkt. Oz.
Chinese Woolflower, a new specimen of the Cockscomb species, flowers large, of a purplish crimson color, somewhat resembling a ball of wool.....	24	.10
Coleus, finest mixed.....	diff.	.10
Columbine, see Aquilegia		
Cosmea bipinnata, mixed, very beautiful and much admired.....	36	.05
Cosmea bipinnata mammoth, very large flowers, beautifully lined petals.....	36	.10
Dahlia, double, mixed.....	36	.10
Daisy, double, mixed, very popular.....	3	.10
Delphinium, see Larkspur.		
Dianthus barbatus, see Sweet William.		
Dianthus, various, see Pinks.		
Digitalis, see Foxglove.		
Escholtzia rosea grandiflora, rose cardinal.....	12	.05
Escholtzia California, vase-shaped flowers, yellow.....	12	.05
Escholtzia, mixed colors.....	12	.05



Daisy, Double



Heliotrope



Lantana

Feverfew (Matricaria), small double flowers, pretty and neat.....	18	.05	....
Forget-Me-Not (Myosotis), beautiful spring bloomer.....	6	.10	.75
Four O'Clock, mixed, free flowering and sweet scented.....	18	.05	.20
Foxglove (Digitalis), showy, fine for backgrounds.....	36	.05	....
Gaillardia grandiflora (Blanket Flower), free bloomers, fine for bouquets.....	24	.05	....
Gaillardia lorenziana, free bloomers, fine for bouquets.....	24	.05	....
Geranium, mixed.....	18	.10	....
Gilliflower, see Ten Weeks' Stock.			
Godetia, Dutchess of Albany, white, very showy.....	18	.05	....
Godetia, Lady Albemarle, crimson, very showy.....	18	.05	....
Godetia, the Bride, white and crimson, very showy.....	18	.05	....
Godetia, Whitneyi, dark rose, very showy.....	18	.05	....
Golden Feather (Pyrethrum), fine for edging.....	6	.05	....
Golden Queen, see Mignonette.			
Gypsophila, elegans, white, fine for boquets.....	24	.05	.30
Heartsease, see Pansies.			
Helianthus, see Sunflower.			

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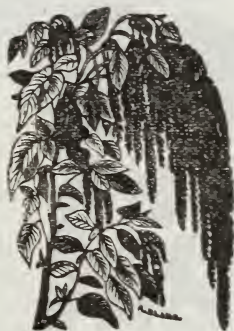


## FLOWER SEEDS—(Continued)

	Height Inches	—Price— Pkt. Oz.
Heliotrope, finest mixed, beautifully scented purple flowers.....	24	.10 ....
Hibiscus Africanus calisureus, showy annual, yellow and brown.....	24	.05 ....
Hollyhock, finest double mixed.....	48	.10 ....
Hollyhock, double, white, fine for florists.....	48	.10 ....
Iberis, see Candytuft.		
Ice Plant (Mesembryanthemum Crystallinum).....	6	.05 .50
Joseph's Coat, see Amaranthus.		
Kochia Tricophylla, a beautiful plant, the bright scarlet flowers make it look like a ball of fire in the fall; fine for hedging....	36	.05 ....
Lantana, fine mixed, free bloomer and rapid grower.....	25	.05 ....
Larkspur (Delphinium), Dwarf Rocket, mixed.....	10	.05 .40
Larkspur (Delphinium), Tall, Rocket, double mixed.....	24	.05 .40
Larkspur (Delphinium), Emperor, double, finest mixed, free blooming.....	24	.05 .60
Larkspur (Delphinium), Stock Flowered, finest mixed.....	24	.05 .40
Lobelia erinus, blue, trails.....	...	.05 ....
Lobelia, Crystal Palace, blue.....	6	.10 ....
Love Lies Bleeding, see Amaranthus caudatus.		



Larkspur



Love Lies Bleeding



Marigold

Lupinus, mixed annual sorts, ornamental.....	24	.05 .25
Marigold (Tagetes), African, tall, double mixed, very ornamental	24	.05 .50
Marigold (Tagetes), French, tall, double mixed, very ornamental	24	.05 .50
Marigold (Tagetes), French, dwarf, double mixed, very ornamental.....	18	.05 .50
Mignonette (Reseda), grandiflora machet, highly scented, large flowers.....	9	.10 .60
Mignonette (Reseda), odorata, large flowering, very sweet.....	12	.05 .15
Mignonette (Reseda), grandiflora aurea (Golden Queen) yellow..	12	.05 .30
Mirabilis, see Four O'Clock.		
Myosotis, see Forget-Me-Not.		
Nasturtium (Tropaeolum), dwarf, mixed; (for tall varieties see climbers).....	9	.05 .15
Pansy (Viola), tri-color Maxima, fine mixed.....	6	.05 1.00
Pansy (Viola), tri-color Maxima, English, finest mixed.....	6	.10 1.50
Pansy (Viola), tri-color Maxima, very large flowering, mixed..	6	.15 2.00
Pansy (Viola), tri-color Maxima, Trimardeau Giant, mixed.....	6	.20 4.00
Pansy..(Viola), tri-color Maxima, giant sorts, mixed.....	6	.25 8.00

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## FLOWER SEEDS—(Continued)

	Height Inches	—Price— Pkt. Oz.
Papaver, see Poppy.		
Paris Daisy, see Chrysanthemum Frutescens.		
Periwinkle, see Vinca.		
Petunia hybrida, mixed.....	15	.05 1.00
Petunia hybrida, inimitable striped and blotched.....	9	.10 ....
Phlox Drummondii, finest mixed.....	12	.05 1.00
Phlox Drummondii, grandiflora, large flowered, finest mixed....	12	.10 ....
Phlox Drummondii, grandiflora, white.....	12	.10 ....
Phlox Drummondii, grandiflora, red.....	12	.10 ....
Pink (Dianthus), Chinese, double mixed.....	12	.05 .50
Pink (Dianthus), Imperial, double mixed.....	12	.05 .50
Pink (Dianthus), Imperial, double white.....	12	.05 ....
Poppy (Papaver), Carnation flowered, double mixed.....	18	.05 .20
Poppy (Papaver), Paeony flowered, double mixed.....	18	.05 .20
Poppy (Papaver), ranunculus flowered, double mixed.....	18	.05 .30
Poppy (Papaver), Danebrog, very showy, scarlet and white....	18	.05 .30
Poppy (Papaver), umbrosum, crimson.....	18	.05 .30
Poppy (Papaver), Shirley, fine for cut flowers.....	12	.10 ....



Nasturtium Dwarf



Pansies



Petunia Hybrida

Portulaca, single, finest mixed, very brilliant and delicate color..	6	.05 .60
Portulaca, double, finest mixed, very brilliant and delicate color..	6	.10 ....
Prince's Feather, see Amaranthus cruentus.		
Pyrethrum, see Golden Feather.		
Reseda, see Mignonette.		
Rose of Heaven, see Agrostemma.		
Salpiglossis variabilis, finest mixed, showy annuals.....	12	.05 ....
Salvia coccinea, brilliant scarlet, fine bedder.....	24	.10 .75
Salvia Splendens, large flowering, very showy, bright scarlet.....	24	.15 ....
Schizanthus mixed, elegant free blooming annuals.....	18	.05 ....
Silene pendula, mixed, bright colored, free flowering annuals....	12	.05 ....
Snapdragon, Tom Thumb, finest mixed.....	6	.05 1.00
Snapdragon, tall, finest mixed.....	18	.05 .60
Stock, Ten Weeks, dwarf mixed.....	12	.10 ....
Sun Dial, see Lupinus.		
Sunflower, (Helianthus), showy, for backyards and shrubberies	50	.05 .50
Sunflower, Californicus, double.....	40 to 60	.05 .25
Sunflower, Globosus fistulosus.....	50	.05 .30
Sunflower, Nana, dwarf, double.....	30	.05 .30

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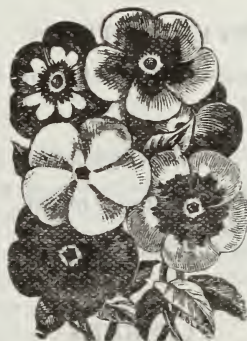


## FLOWER SEEDS—(Continued)

	Height Inches	—Price— Pkt. Oz.	
Sweet Sultan, see Centaurea.			
Sweet William, single mixed, very popular and free flowering....	18	.05	.40
Sweet William, double mixed.....	18	.10	1.00
Tagetes, see Marigold.			
Tropaeolum, see Nasturtium.			
Verbena hybrida, good quality, finest mixed.....	12	.05	1.00
Verbena hybrida, white.....	12	.10	....
Verbena hybrida, red.....	12	.10	....
Verbena hybrida, striped.....	12	.10	....



Pinks, Chinese



Phlox



Poppies

Vinca (Periwinkle), mixed, exceedingly pretty.....	24	.10	....
Viola, see Pansies.			
Viscaria cardinalis, scarlet and white, abundant bloomer.....	18	.05	....
Wall Flower, single, mixed, sweet scented.....	18	.05	....
Zinnia elegans, tall, double, mixed.....	15	.05	.75
Zinnia elegans, Thom Thumb, mixed.....	6	.05	1.00
Mixed Annuals, large packet.....	....	.05	.20



Snandragon



Sweet William

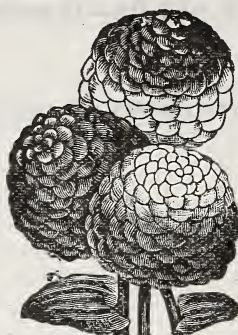


Verbena

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Vinca--Periwinkle



Zinnia



Morning Glory

## EVERLASTINGS

Used in the Formation of Wreaths and Winter Boquets.

	Height Inches	—Price— Pkt. Oz.
Acroclinium Roseum, very graceful plant, much used for decoration.....	12	.05
Gomphrena (also called Bachelor's Button), mixed.....	12	.05
Rodanthe, mixed, delicate looking.....	12	.05
Xeranthemum, double mixed, very lasting.....	25	.05

## CLIMBERS

	Inches Height	Pkt. Oz. —Price—
Balloon Vine, very pretty.....	10	.05
Balsam Apple .....	10	.05
Balsam Pear .....	10	.05
Bona Nox (Evening Glory), most beautiful, large violet.....	10	.05
Canary Creeper, yellow, one of the best old creepers.....	10	.05
Cinnamon Vine, see page 55.		
Convolvulus major, see Morning Glory.		
Cypress Vine, red, has very beautiful bright flowers, very popular.....	10	.05
Cypress Vine, white, has very beautiful bright flowers, is very popular.....	10	.05
Cypress Vine, mixed, has very beautiful bright flowers, is very popular.....	10	.05
Dolichos lablab, or Jack Bean, rapid growing and free blooming	10	.05
Maurandia, mixed, abundant bloomers.....	10	.10
Moon Vine, one of the best climbers, rapid growers, makes dense shade, flowers white and odorous.....	20	.10
Morning Glory (Convolvulus Major), very fast growers.....	10	.05
Morning Glory, Japanese Imperial, foliage variegated, large flowers, and of rich colors, mixed.....	10	.10
Morning Glory, Japanese Imperial, fancy fringed.....	10	.10
Nasturtium, tall, well known, favorite climber.....	10	.05
Nasturtium, tall, lobbianum, brilliant colors.....	6	.05
Ornamental Gourds, Apple Shaped, Pear Shaped, Nest Egg, Hercules Club and Dipper.....		.05
Ornamental Gourds, dish Rag and Calabash.....		.05
Ornamental Gourds, all sorts, mixed.....		.05
Thunbergia, mixed, very ornamental, free bloomer.....	5	.05

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## SWEET PEAS

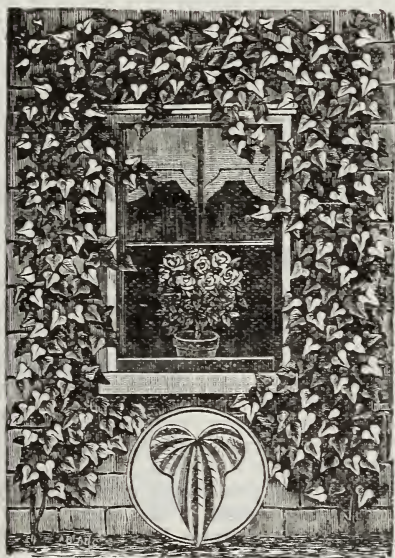
	Pkt.	Oz.	¼-lb.	Lb.
Special Spencer Strains—This is the finest mixture of Sweet Peas we have ever offered, containing as it does, most of the new Countess Spencer Varieties, which for size and beautiful colors have never been equaled previously .....	.10	.20	.60	2.00
Eckford's Finest Mixed.....	.05	.10	.40	1.50
Dorothy Eckford, best pure white.....	.05	.15	.40	1.50
Prima Donna, a magnificent pure pink.....	.05	.15	.40	1.50
Navy Blue .....	.05	.15	.40	1.50

## KUDZU VINE

## Jack-and-the-Bean-Stalk

A vine that will grow and flourish where nothing else will. Invaluable for covering fences, porches, old or dead trees.

This vine is a native of China, cultivated for its beauty, its large bright green leaves afford a dense shade. It is hardy and will last for many years. Will grow 50 feet if permitted, growing the first year 8 to 10 feet, and has dense foliage clear to the ground. Price, pkt. 10c, oz. 75c.

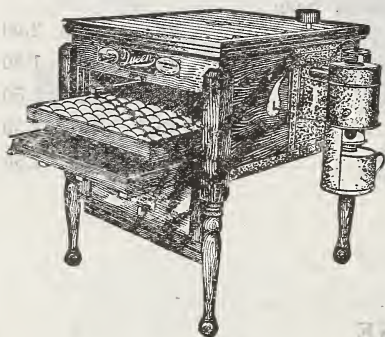


## CHINESE CINNAMON VINE

This beautiful gem of the Orient is one of the most charming climbers yet introduced. Its rapid growth, abundant foliage and modest, sweet-scented flowers commend it to all who want a climber. The handsome, glossy, heart-shaped leaves and clusters of fragrant white flowers make a window, arbor or veranda a perfect bower of beauty. Once planted, will grow a life-time. They stand the severest winter, and burst forth in all their beauty very early in the spring. Price, postpaid, 1 strong tuber, 15c; 4 strong tubers, 45c; 10 strong tubers, 90c.

## INCUBATORS AND POULTRY SUPPLIES

The Queen and Lincoln Incubators are both hot water machines, built of good material and strongly constructed. These machines are built to hatch and you will be satisfied with your results. Don't wait on your hens, they may not want to set when your eggs are ready.



### LINCOLN INCUBATORS

No. O, capacity 60 eggs.....	12.00
No. A, capacity 85 eggs.....	16.50
No. B, capacity 135 eggs.....	20.50
No. C, capacity 160 eggs.....	27.50

### QUEEN INCUBATORS

No. 1, capacity 85 eggs.....	19.50
No. 2, capacity 135 eggs.....	27.50
No. 3, capacity 180 eggs.....	32.50
No. 4, capacity 275 eggs.....	42.50
No. 5, capacity 400 eggs.....	52.50
No. 25, capacity 550 eggs.....	75.00

F. O. B. DALLAS.

Prices quoted on larger sizes, if desired.

**IMPROVED CHAMPION LEG BANDS**—The oldest and most popular band on the market. This band is made in one piece and adjustable to fit any fowl. Price, postpaid, 12 for 15c; 25 for 30c; 50 for 50c; 100 for 85c.

### CHICK FEED TROUGHS.



Made in Two Sizes—

10-Inch and 20-Inch.

10-inch trough with gate 40c  
Shipping weight, 1½ lbs.  
20-inch trough with gate 60c  
Shipping weight 2 lbs.

### O. K. CHICK FOUNTAIN

One pint size; shipping weight 1 lb.....	\$ .25
One quart size; shipping weight 2 lbs.....	.35

### EGG TESTERS

Price .....	\$ .30
Shipping weight 9 oz.	

### THE HANDY DRY MASH HOPPER

No. 1 Handy Hopper, 9 inches long, one compartment.....	\$1.40
Shipping weight in fibre carton, 6 lbs.	
No. 2 Handy Hopper, 15 inches long, one compartment.....	2.40
Shipping weight in fibre carton, 9 lbs.	

### AUTOMATIC FOUNTAIN AND CHICKEN FEEDER

This is an absolutely sanitary fountain made to fit any half-gallon, quart or pint Mason Jar. We do not furnish jars. Price 20c each. Shipping weight, 6 oz. each.

### O. K. EXERCISER FEEDER

The O. K. Exerciser Feeder is one of our leaders, as it is exceptionally good value for the price. The Hopper (holding 12 quarts) is made of No. 28 galvanized steel, and is reinforced with a double thickness around the top. Price, \$1.75. Shipping weight, 7 lbs.

### WALL FOUNTAINS

1-quart size (Shipping weight 1 lb.).....	\$ .60
1-gallon size (Shipping weight 3 lbs.).....	1.10
2-gallon size (Shipping weight 5 lbs.).....	1.30

### GRIT AND SHELL BOX

Just the thing to hold oyster shell, charcoal and grit for a small flock of fowls. Price of Grit and Shell Box, \$1.10. Shipping weight 2 lbs. each.

Should you want small items on this page sent by Parcels Post—Please add postage.

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## POULTRY REMEDIES, ETC.

Write for Conkey's 80-page Free Poultry Book

**Conkey's Roup Cure**—Is a positive cure for all forms of this disease. It is placed in the drinking water, the fowl takes the medicine without knowing it, and you are relieved of any inconvenience. Price 35c and 65c, postpaid.

**Conkey's Limber-Neck Remedy** is very effective in the cure of this terrible disease. Price 40c, postpaid.

**Conkey's Scaly Leg Remedy**—Scaly leg is caused by parasites under the scales of the feet and legs. This remedy is guaranteed to cure it. Price 35c, postpaid.

**Conkey's Poultry Tonic**—Will keep fowls in the best of health, shorten the moulting period and increase the production of eggs. Price 40c and 75c postpaid.

**Conkey's Lice Liquid**—Conkey's Lice Liquid, painted or sprayed over the roosts, etc., will quickly and effectively rid your fowls of lice. Price 50c. By express at buyer's expense only.

**Conkey's Lice Powder**—Can be absolutely relied upon to rid your fowls of lice. It will also kill lice on horses and cattle, ticks on sheep, bugs on tomato plants, rose bushes, etc. Price 20c and 40c, postpaid.

**Conkey's Flea Salve**—Will positively rid fowls of "stick-tights," which are a troublesome pest in this Southern climate. Price 35c, postpaid.

**Conkey's Head Lice Ointment**—Head Lice annually kill thousands of little chickens; in fact, are the greatest cause of their loss. Conkey's Ointment is a non-poisonous remedy. Price 20c and 35c, postpaid.

**Conkey's Cholera Cure**—It is a positive cure for bowel trouble, indigestion, diarrhoea, dysentery, cholera, etc., in fowls. Tone up the system at the same time. Put in the drinking water. Price 35c and 65c, postpaid.

**Conkey's Gape Cure**—Positively cures and is given without trouble or loss of time. Put in a soft feed. It builds up the general health and kills the worms. Price 40c, postpaid.

**Conkey's Chicken Pox Remedy**—Most valuable for this disease, commonly known as Sore Head; guaranteed. Price 35c and 70c, postpaid.

**Conkey's White Diarrhea Remedy**—Its action is to destroy the germs causing the trouble and to allay the feverish, ravaging condition present throughout the intestinal tract. Price 35c and 65c, postpaid.

**Conkey's Canker Special**—Don't have canker-blind birds in your flock. There's no need of this disease pulling down your profits and wiping out your choicest birds. Price 70c, postpaid.

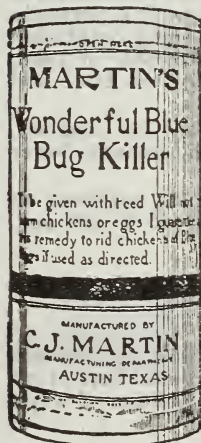
**Conkey's Noxide**—Disinfectant, Lice Liquid, Germ Destroyer. Germs are the cause of most diseases of poultry, horses, cattle, sheep, swine and other domestic animals. Price per pint, 40c, by express only at buyers expense.

**Conkey's Fly Knocker**—Prevents flies from annoying stock. It is perfectly harmless, has a pleasant, pungent aroma, and actually keeps flies and mosquitoes out of range of its odor. Price per quart, 60c; ½ gallon, 90c; gallon, \$1.50. By express only at buyer's expense.

**LEE'S GERMOZONE**—For Poultry—Cholera, Roup, Bowel Complaint, Canker, Swelled Head, Chicken Pox, Soft Crop, Etc. For Stock—Sore Mouth, Sore Eyes, Cuts, Sores, Wounds, Saddle Galls, Canker, Thrush, Cracked Heels, Sore Breast, Back or Shoulders. Price 65c per bottle. By express only at buyers expense.

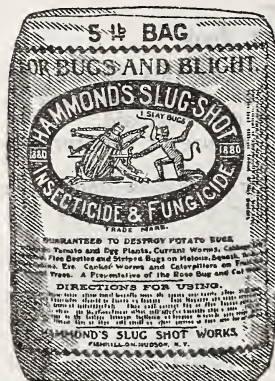
**MARTIN'S WONDERFUL BLUE BUG KILLER**—To be given with feed. Will not harm chickens or eggs. This remedy will rid your birds of blue bugs and lice. Price 60c and \$1.15, postpaid.

**EDGERTON'S SALT BRICK (Medicated)**—An excellent medicine for horses, mules and cattle. Your stock crave something that is not found in regular feed or salt. This brick contains salt, pulverized lime and other medicines that satisfies the stock and keep them contented. Price 40c, postpaid.



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## INSECT DESTROYERS



**HAMMOND'S SLUG SHOT**—Destroys all insects injurious to Potatoes, Cabbage, Squash, Melons, Cucumbers, Beets, etc., also lice on rose bushes and other flowering plants. This preparation, though death to insects, does not injure the plants; in fact, it is a fertilizer to them. Thoroughly dust the powder over the infected plants. Price, 5 lbs. 60c; 10 lbs. \$1.10, all f. o. b. Dallas. If wanted by parcel post add postage.

**HAMMOND'S GRAPE DUST**—A fine, readily diffusible powder, used by Gardeners and Florists for various troubles of a fungous character, especially applicable to the Powdery Mildew on Roses and Grapes, and for aphids and Black Fly. Price, 5 lbs. 60c, f. o. b. Dallas. If wanted by parcel post, add postage.

**DUSTERS**—For applying "Slug Shot," two sizes. One-half gal. 60c. Gal. 75c, f. o. b. Dallas.

**TOBACCO DUST**—Good for killing garden pests on flowering or vegetable plants; finest quality, 15c per lb.; \$10.00 per 100 lbs.; f. o. b. Dallas.

**PARIS GREEN AND ARSENATE OF LEAD**—We carry stock of both, but as prices fluctuate, write for quotations, stating quantity wanted; being poisonous, cannot send these through the mails.

**"BLACK LEAF 40"**

"Black Leaf 40" is a concentrated solution of Nicotine Sulphate, manufactured and guaranteed to contain not less than 40% of nicotine by weight. It is perfectly soluble in cold water; does not clog the nozzle nor corrode the spray outfit; can be combined and applied with Lime-Sulphur, Bordeaux, Pyrox, Arsenate of Lead, Atomic Sulphur and such sprays. It is highly recommended by the State and Government experts.

"Black Leaf 40" is used as a safe and effective spray for plant lice (aphids), thrips, leaf-hoppers, and similar insect pests in the truck garden, orchard, flower garden, grove, park, vineyard, etc.

Price, 1 oz., sufficient to make 6 gal., postpaid, 30c; ½ lb., sufficient to make 40 to 150 gal., postpaid, \$1.00; 2 lbs., sufficient to make 160 to 600 gal., not prepaid, \$2.75.

**DRY LIME SULFUR**

Same as Lime Sulfur Solution.

This is the only actual Dry Lime Sulfur on the market that can be used for any purposes for which Liquid Lime Sulfur Solution has been used heretofore. It is simply the Liquid Lime Sulfur Solution dried and only the addition of water is required to produce the spray. Price, not prepaid, 5-lbs. \$1.15.

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## THE LOWELL FOUNTAIN COMPRESSED AIR SPRAYER



In our opinion this is the best spray on the market today for all purposes. Made of galvanized steel, valves and all working parts made of brass; it has no complicated parts to get out of order. Each machine is tested to sixty lbs. pressure and made to withstand three times the test. The automatic thumb lever valve shuts off instantly, so that none of the solution is wasted. One pumping will expel the entire contents of the tank. An adjustable shoulder strap and tree attachment, with suitable couplings for tree spraying, also

galvanized funnel with brass strainer for filling, furnished with each machine. A vine attachment consisting of a brass tube curved at proper angle with fittings for spraying under the leaves of low plants and running vines, furnished at 75c extra. Capacity, three gallons. Aluminum finish. Price, \$6.75 each, or with attachment, \$7.50 each, f. o. b. Dallas.



## BUCKET SPRAY PUMP

All work on this pump is done on the down stroke. Both barrels, are seamless drawn brass tubing. The discharge pipe inside the air barrel is brass. The valves are solid, vulcanized hard rubber balls. All parts coming in contact with the acid are non-corrosive and always in working order. Each pump is fitted with 3 feet of quarter-inch extra heavy hose, a straight stream nozzle, a sprinkling and spraying nozzle. An opening in the brass base emits a small stream very forcibly when the pressure is on that keeps the mixture in thorough agitation. This is very important and insures good results. For washing buggies, windows, etc., this pump is very useful. Weight, not boxed, 5 lbs. Price \$4.75 f. o. b. Dallas.

## THE IDEAL SPRAYER



For spraying Paris Green and other insecticides on vegetables, also good for spraying poultry houses and other outhouses, horses, cattle and other live stock; makes a very fine, misty spray. They are light, strong and well made. Price, 60c each, f. o. b. Dallas. Weight, packed, 4 lbs. If wanted by mail, add postage.

## THE LOWELL DUST BLOW



For dusting Slug Shot, Paris Green, lice powder and all dry powder disinfectants and poisons. It is so constructed with double screen arrangement, that it is absolutely impossible for the machine to clog. The powder can hold about one quart, and has two-inch screw cap opening in back for filling. Fine aluminum finish. Price, 85c each, f. o. b. Dallas. Weight packed 4 lbs. If wanted by mail add postage.

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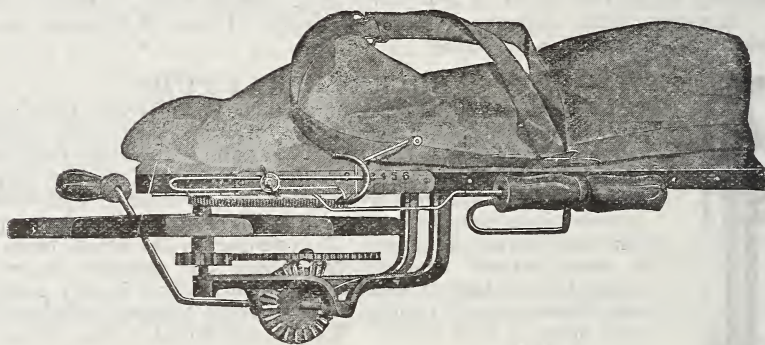
## BROADCAST SEED SOWERS

**CAHOON**—Sows wheat, oats, barley, rye, buckwheat, rice, hemp and other grains and grass seeds, five times faster than by hand; does its work perfectly, with one-third less seed than any other method. Four to eight acres can be easily covered per hour. Sows wheat over a tract forty feet wide; other seeds in proportion to weight.



Machine is strong, simple, durable, efficient and when used according to directions and with proper care, is guaranteed to perform its work with perfect satisfaction.

Take no substitute. Insist on having the genuine CAHOON. At every mechanics' and county fair where exhibited the CAHOON has always taken highest honors, and in two years took first premiums at twenty-one State fairs. This machine was awarded SILVER MEDAL AND DIPLOMA at the National Export Exposition—the highest prize awarded any exhibit. Price \$4.50. Weight 5½ lbs.



**THE COLUMBIA**—A practical machine for sowing correctly all varieties of farm seeds. Has automatic cut off and regulator. The lowest priced standard machine manufactured. The best on the market for the money. Price, \$1.85 f. o. b. Dallas.

## MISCELLANEOUS

	Not Prepaid
BIRD MANNA .....	per pkt. 15c
CHOICE MIXED CANARY BIRD SEED (without millet).....	per lb. 35c
SUNFLOWER SEED, for parrots.....	per lb. 20c
McALLISTER'S MOCKING BIRD FOOD.....	per bottle 40c
BIRD GRAVEL.....	per pkt. 15c
GROUND OYSTER SHELL.....	per 10 lbs. 25c, per 100 lbs. \$1.35
POULTRY GRIT .....	per 10 lbs. 25c, per 100 lbs. \$1.50
GROUND BONE .....	per 6 lbs. 50c, per 100 lbs. \$6.50
DRIED BEEF SCRAPS.....	per 5 lbs. 50c, per 100 lbs. \$7.50
BUTTERMILK STARTING FOOD.....	
.....	per lb. 15c, 3 lbs. 40c, 5 lbs. 65c, 10 lbs. \$1.20.

Prices on all of above are f. o. b. Dallas

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## TROWELS AND DIBBLES

We carry a full line of these very useful tools and would advise customers to order them when they are getting seeds by express or freight, as they are rather awkward to send through the mail.

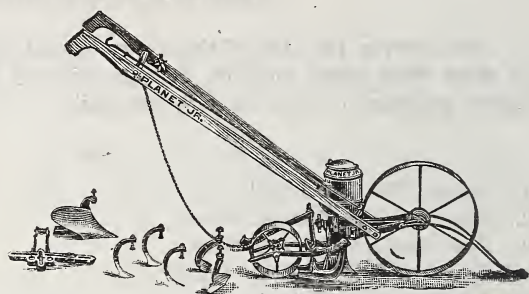
	Price f.o.b. Dallas.	Price by mail paid.
1. Ladies' Garden Trowel.....	20cts.	25cts.
2. Steel Garden Trowel, 6-inch.....	20cts.	25cts.
2. Steel Garden Trowel, 8-inch.....	25cts.	30cts.
3. Transplanting Trowel, 6-inch.....	25cts.	30cts.
3. Transplanting Trowel, 8-inch.....	30cts.	40cts.
4. English pattern extra heavy Garden Trowel, 6-inch.....	30cts.	40cts.
5. Solid Steel Garden Trowel, 6-inch.....	45cts.	55cts.
6. Forged Steel Garden Trowel, 6-inch.....	65cts.	75cts.
6. Forged Steel Garden Trowel, 8-inch.....	65cts.	75cts.
7. Wood Handle Iron Dibble.....	50cts.	60cts.
8. D-Handle all Iron Dibble.....	65cts.	85cts.
Hand Spading Fork, length 10 inches.....	30cts.	40cts.
Hazletine Hand Weeder, handy and durable.....	20cts.	30cts.

## PRICE LIST OF PLANET JR. TOOLS

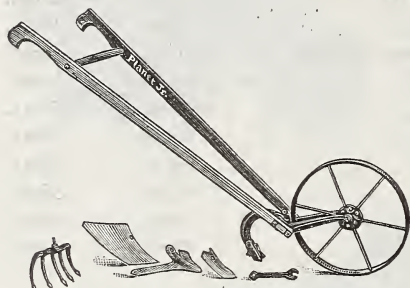
We can supply any of the tools on subjoined list from stock here. Should there be any other tool wanted made by the Planet Jr. people, not listed here, we can have it shipped direct from the factory, making a deduction to help pay the freight. We cannot too highly recommend these tools to truckers and any one who has a garden. They save the cost in a month. We have handled other makes, but none give the satisfaction the Planet Jrs. do. They are cheap tools at the prices charged. We will gladly mail a Planet Jr. catalog to whoever applies for one.

	Weight Packed.	Price
No. 1. Combined Drill Seeder, Wheel Hoe and Cultivator.....	47 lbs.	\$15.50
No. 2. Drill Seeder .....	41 lbs.	12.75
No. 4. Hill and Drill Seeder and single Wheel Hoe and Cultivator.....	50 lbs.	19.50
No. 4. Hill and Drill Seeder, plain (as a seeder only).....	40 lbs.	15.50
No. 25. Hill and Drill Seeder with Double Wheel Hoe, Cultivator and Plow.....	61 lbs.	23.00
No. 6. Hill and Drill Seeder and Single Wheel Hoe.....	63 lbs.	25.00
No. 6. Hill and Drill Seeder, plain (as a seeder only).....	54 lbs.	21.00
No. 11. Double Wheel Hoe, Cultivator, Rake and Plow.....	39 lbs.	16.00
No. 12. Double Wheel Hoe, Cultivator and Plow.....	33 lbs.	12.50
No. 16. Single Wheel Hoe, Cultivator, Rake and Plow.....	26 lbs.	10.50
No. 19. Farmers' Single (high) Wheel Hoe, Plow and Cultivator.....	21 lbs.	6.25

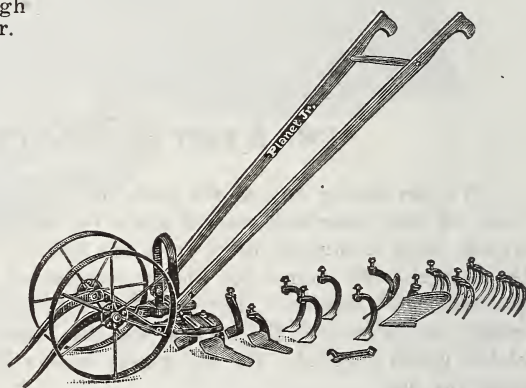
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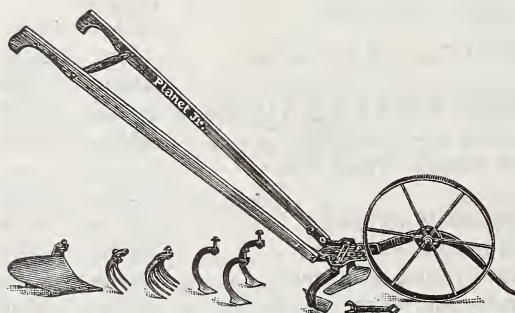
No. 6. Hill and Drill Seeder and Single Wheel Hoe and Cultivator.



No. 19. Farmers' Single High Wheel Hoe, Plow and Cultivator.

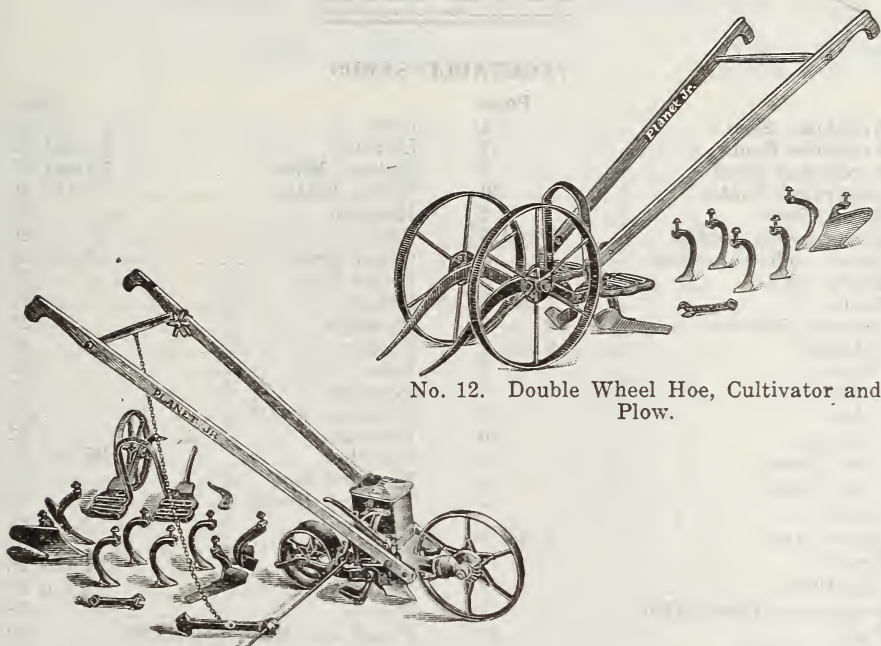


No. 11. Double Wheel Hoe, Cultivator, Rake and Plow.



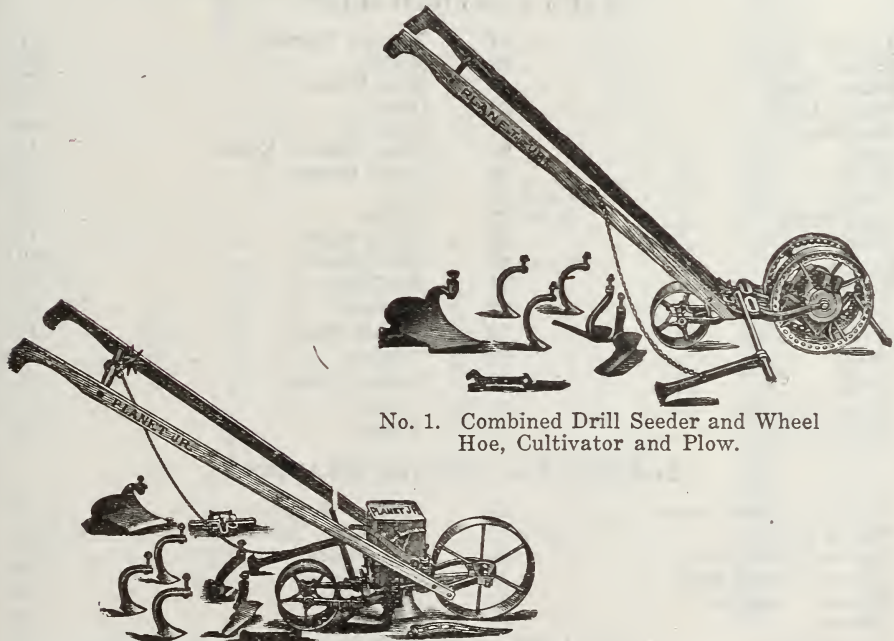
No. 16. Single Wheel Hoe, Cultivator, Rake and Plow.





No. 12. Double Wheel Hoe, Cultivator and Plow.

No. 25. Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow.



No. 1. Combined Drill Seeder and Wheel Hoe, Cultivator and Plow.

No. 4. Hill and Drill Seeder and Single Wheel Hoe, Cultivator and Plow.

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In Ordering please Use this Sheet; also Return Envelope enclosed

Will be glad to furnish more of each when wanted.

DAVID HARDIE SEED COMPANY

DALLAS, TEXAS.

TERMS ARE CASH WITH ORDERS.	NO GOODS SENT C. O. D.	Amount Enclosed
Name .....		P. O. Order - \$.....
Post Office.....R. F. D. No. ....		Express Order \$.....
County .....State.....		Drafts . . . \$.....
Name of Express or } Freight Office }		Cash . . . \$.....
How to be sent; Mail, } Express or Freight }		Regis'd Letter \$.....
PLEASE DO NOT WRITE IN THIS SPACE.		Postage Stamps \$.....
Packed by.....		Total . . . \$.....
Shipped .....		Date ..... 19 .....

VERY IMPORTANT—Write your Name Very Plainly; Give Post Office and Express or Freight Office. In writing us at any time please give date of our letter if we have written you; and each and every time do not fail to write your name and Post Office Plainly.

QUANTITY					NAMES OF SEEDS WANTED	PRICE
Bus.	Qts	Lbs	Ozs	Pkts		

FROM

Place  
Stamp  
Here

DAVID HARDIE SEED CO.

DALLAS.

TEXAS.





## Table Showing Quantity of Seed Required per Acre.

	Lbs. per bu.	Amount per acre		Lbs. per bu.	Amount per acre
Barley, broadcast.....	48	2 bus.	Oats, broadcast.....	32	2 to 3 bus.
Beans, dwarf, in drills..	60	1½ bus.	Onions, in drills.....		2½ to 3 lbs.
Beans, pole, in hills.....	60	½ bu.	Onions, for sets in drills .....		50 lbs.
Beets, table, in drills....		6 lbs.	Onion sets, in drills.....		6 to 8 bus.
Beets, mangel wurzel..		5 lbs.	Parsnips, in drills.....		4 to 5 lbs.
Broom Corn, in hills.....	46	10 lbs.	Peas, round, in drills....	60	1½ bus.
Buckwheat .....	48	1 bu.	Peas, wrinkled, in drills .....	56	1¼ bus.
Cabbage, in beds, to transplant .....		5 ozs.	Peas, (stock) .....	60	2 bus.
Carrot, in drills.....		3 to 4 lbs.	Potatoes, cut tubers.....	60	8 bus.
Clover, Red .....	60	12 lbs.	Pumpkin, in hills.....		5 lbs.
Clover, White .....	60	10 lbs.	Radish, in drills.....		8 to 10 lbs.
Clover, Alsike .....	60	10 lbs.	Salsify, in drills.....		8 to 10 lbs.
Clover, Alfalfa, best seed .....	60	20 to 25 lbs.	Spinach, in drills.....		15 lbs.
Corn, in hills.....	56	4 to 6 qts.	Rye, broadcast.....	56	1¼ to 1½ bu.
Corn, for fodder.....	56	3 bus.	Squash, bush variety, in hills.....		4 lbs.
Cucumbers, in hills.....		2 lbs.	Squash, running va- rieties, in hills.....		3 lbs.
Flax, broadcast .....	56	¾ bu.	Sugar Cane, for hay.....	50	100 lbs.
Grass, Kentucky Blue..	14	3 bus.	Tomato, to transplant..		¼ lb.
Grass, Orchard .....	14	3 bus.	Turnip, broadcast.....		1½ lbs.
Grass, English Blue.....	24	3 bus.	Turnip, drill, 1 oz. to 250 ft. ....		1½ lbs.
Grass, Red Top .....	10	3 bus.	Vetches, broadcast.....		1 to 1½ bus.
Grass, Timothy .....	45	1-3 bu.	Wheat, broadcast.....	60	1¼ to 1½ bu.
Grass, Lawn.....	15	4 bus.			
Melons, Musk, in hills..		2 to 3 lbs.			
Melons, Water, in hills		2 to 3 lbs.			
Millet .....	50	1 bu.			

## Number of Plants to the Acre at Given Distances

Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.	Dis. apart.	No. plants.
12x 1 In.....	522,720	24x24 in.....	10,890	36x36 In. ....	4,840	60x60 In.....	1,743
12x 3 " .....	174,240	30x 1 " .....	209,088	42x12 " .....	12,446	8x 1 Ft.....	5,445
12x12 " .....	43,560	30x 6 " .....	34,848	42x24 " .....	6,223	8x 3 " .....	1,815
16x 1 " .....	392,040	30x12 " .....	17,424	42x36 " .....	4,148	8x 8 " .....	680
18x 1 " .....	348,480	30x16 " .....	13,068	48x12 " .....	10,890	10x 1 " .....	4,356
18x 3 " .....	116,160	30x20 " .....	10,454	48x18 " .....	7,790	10x 6 " .....	726
18x12 " .....	29,040	30x24 " .....	8,712	48x24 " .....	5,445	10x10 " .....	435
18x18 " .....	19,360	30x30 " .....	6,970	48x30 " .....	4,356	12x 1 " .....	3,630
20x 1 " .....	313,635	30x 3 " .....	58,050	48x36 " .....	3,630	12x 5 " .....	736
20x20 " .....	15,681	36x12 " .....	14,520	48x48 " .....	2,723	12x12 " .....	302
24x 1 " .....	261,360	36x18 " .....	9,680	60x36 " .....	2,901	16x 1 " .....	2,722
24x18 " .....	15,520	36x24 " .....	7,260	60x48 " .....	2,178	16x16 " .....	170

## Fruit Baskets and Box Material

Leslie Qt. Berry Boxes, per M....		½-bu. Diamond Split Baskets, doz.	
24 Quart Crates, per 100.....		1-3-bu. Diamond Split Baskets, doz.	
1-3 Bushel Boxes, per 100.....	6.00	1-4-bu. Diamond Split Baskets, doz.	
1-4 Bushel Boxes, per 100.....	5.00	Tacks for Berry Boxes, per lb.....	.60
4 Basket Crates, complete, 100....		Twine, Jute for bunching vege- tables, per lb.....	
8-lb. Climax Grape Baskets, 100..			
½-bu. Climax Melon Bask'ts, 100	\$8.00		

Please Write for Prices on Material Not Quoted.

**DAVID HARDIE SEED COMPANY**  
DALLAS, TEXAS

ANNUAL CATALOG  
1919  
OF  
VEGETABLE  
FIELD & FLOWER  
**SEEDS**

**DAVID HARDIE SEED CO.**

1803 ELM STREET  
WAREHOUSE 1802 LIVE OAK STREET  
DALLAS, TEXAS

